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MAY 26, 1917.

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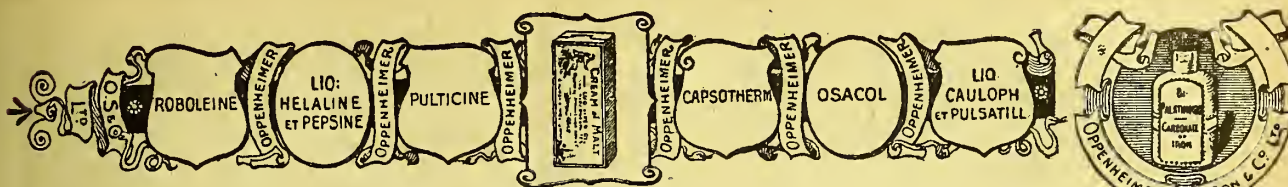
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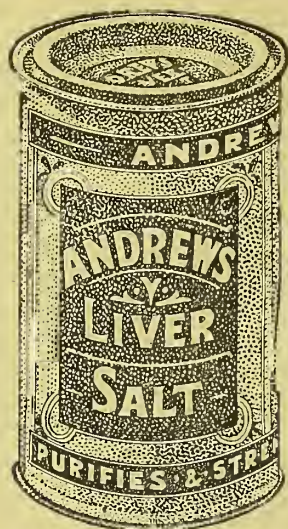
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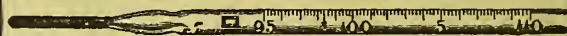
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TO THE CHESEBROUGH MANUFACTURING CO.,  
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I, the undersigned, David William Smith, carrying on business as Medical Herbalist at 270 High St., Gateshead, hereby admit having infringed the rights of the Chesebrough Manufacturing Co. Consolidated, of New York and London, under their registered Trade Mark "Vaseline," by selling a compound not of their manufacture under that name.

I express my deep regret for having done so, and for any injury the Company may have sustained by reason of such infringement, and I hereby undertake not to further infringe the said Trade Mark "Vaseline," and assure you will do my best to repair the damage done by in the future selling the genuine goods when asked for.

⟨Signed⟩ DAVID WILLIAM SMITH.

⟨Witness⟩ ETHEL SMITH.

Dated 24th day of April, 1917.

For more complete Buyers' Guide see "The Chemist & Druggist" Diary, 1917

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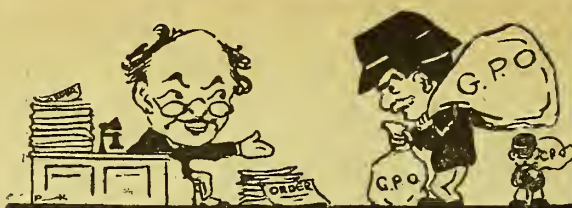
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Principals: G. S. V. WILLS, Ph.C. (Founder); P. H. WOODNOTH, M.P.S.

N.B.—This College has no connection with any other College of a similar name.

The Apothecaries' Course for the July and October Examinations has just commenced.

Fees—July, £5 5s. October, £8 8s.

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## APRIL PASS LIST (1917):—

18 Ladies were successful in passing from this College last month—Apothecaries' Hall 16, Minor 2. For Special Dispensing Prospectus giving full particulars (post free) apply to the Principals.

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At the recent Minor Examination 75%, and at the January Examination 83% of Northern Candidates qualified, the majority at their first attempt.

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**MINOR COURSE** for JULY and OCT. EXAMS. APR. 11  
**Apothecaries' Hall COURSE** for JULY and OCT. EXAMS. APR. 25

PART-TIME CLASSES are held on  
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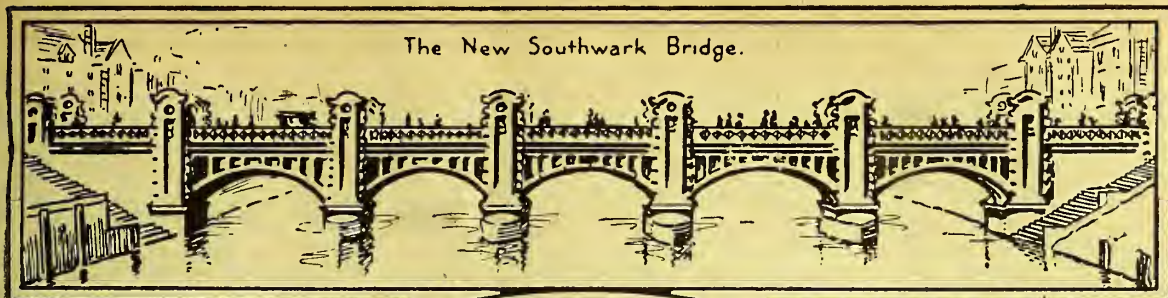
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possess great nutritive and restorative powers, being immediately digested and absorbed by the stomach. Although effective stimulants in physical and mental exhaustion, they contain no wine or other deleterious admixture.

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Cinchonidine and Salts  
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Cocain Hydrochlor and  
Puriss  
Cream of Tartar  
Creosote Carbonate  
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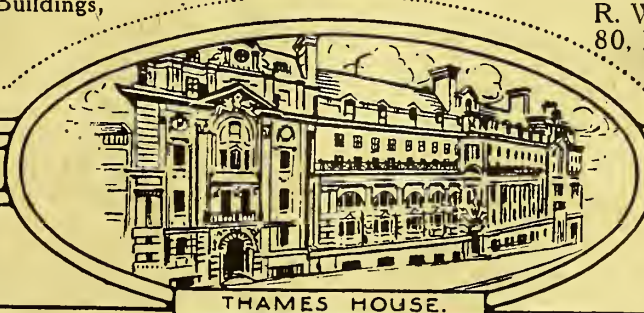
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Mercurials  
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# Maw's Page

NUMBER 293

MAY 26, 1917

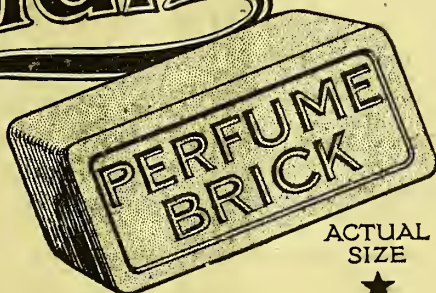
CABLES  
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4th & 5th  
EDITION

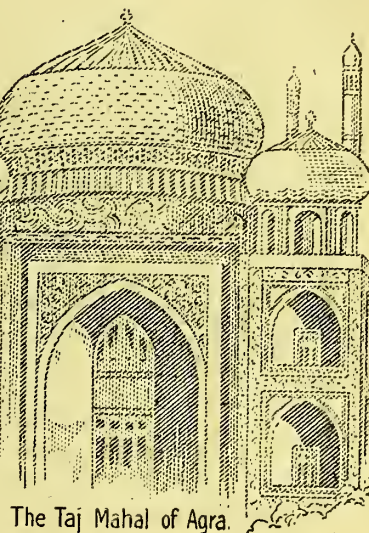
You should be selling  
the latest toilet novelty:

MAW'S

# Indian



ACTUAL  
SIZE



The Taj Mahal of Agra.

At a time when our Far Eastern Empire, in common with other possessions, has given its best towards the fight against the Central Powers, these Indian Perfume Bricks form a pleasing and useful little novelty of which any patriotic woman would be proud.

These bricks are composed of choice Indian spices, and will retain their delightful fragrance indefinitely. They are also a preventive against moths. Put up in boxes of twelve neat blocks.

PRICE

4/-

BOX of 1 DOZ.

The above illustration is beautifully reproduced in colours on the inside lid of Maw's Indian Perfume Brick Box; the latter also bears the retail price of 6d.

A box of these bricks displayed on your counter will undoubtedly result in good business.

## The BRIGHT SIDE OF THINGS

### SYNTHETIC OTTO OF ROSE.

Maw's Synthetic Otto of Rose is the nearest approach to the genuine Otto. The same fragrance and lasting qualities are instantly perceptible. Put up in elegant cut and gilded 1-oz. bottles. A triumph in perfumery! Price 13/6 ounce.

### THE FAVOURITE DOUCHE.

Consisting of a white enamelled tin fitted with English made tubing, complete with set of best quality vulcanite fittings. Maw's "Family" Douche is one of the best of douches. Each in strong cardboard carton. 2-pint, 35/6 doz.; 3-pint, 38/6 doz.; 4-pint, 40/- doz. Best quality tubing, 10/- doz. extra.

### AN EXCELLENT PREPARATION.

Delightfully refreshing to the teeth and gums is "Parex" (regd.) Liquid Dentifrice. In 3-oz. handsomely labelled bottles with pure tin screw sprinklers.

Price 8/6 dozen,  
with bonus.

### "DUPLEX" DENTAL PLATE BRUSH.

Utility and design are combined in our latest dental plate brush, the "Duplex." Made of selected bristle and bone, it is highly appreciated for its plate-cleansing qualities.

Price 8/6 dozen.





## Saint-Raphael

**Tonic, Restorative,  
Digestive Wine.**

Known throughout the World,  
and prescribed in all cases of  
**ANÆMIA, DEBILITY, and CON-  
VALESCENCE, to Young Women,  
Children and the Aged.**

DOSE: One Wine-glass after the  
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Recommended by—  
PROF. BOUCHARDAT, Professor of Hy-  
giene, Paris Faculty of Medicine.  
DR. MACNAUGHTON JONES, London,  
England.

"For more than thirty years St. Raphaël Wine has been  
exclusively prescribed, with success, in the Paris hospitals  
as a pure tonic, by eminent physicians, such as Magendie  
Rostan Chomel, Velpeau, Requin, Monneret, Troussseau,  
Grisolle, Laënnec, &c."—*Union Médicale*, May 8 and  
June 12, 1873.

"The 'Vin de St. Raphaël' is often used for ladies  
nursing their own children; it is preferable to stout, which  
creates an unhealthy fat."—*The Lancet*, London, England.

"St. Raphaël Wine is most precious in all cases where  
it is necessary to give tone to the system, without effort  
or shock."—DR. C. DES BARRES.

Cie du VIN SAINT RAPHAEL, Valence, Drome,  
FRANCE.

**To be obtained from all  
Wholesale Druggists.**



There is no better  
Flask made than the

## "ALL BRITISH" VACUUM FLASK,

of which not only the protective  
outer casing but the essential  
glass vacuum bottle are

**MADE IN ENGLAND.**

SOLE MAKERS—

## AERATORS LIMITED

"Prana" Sparklet Works,

UPPER EDMONTON, LONDON, N.

## LIQUID GLUCOSE

**SO<sub>2</sub> Free.**

**NO BLUEING USED.**

Specially pure for  
Pharmaceutical Preparations.

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**MANBRÉ SACCHARINE  
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REAL TURTLE  
Soup Cubes**  
"Ready to Serve."

Made from the real rich meat of selected West  
Indian Turtles—so that real Turtle Soup, once  
the privilege only of the rich, is now a delicacy  
easily accessible to every household. No  
other soup is so nourishing and delicious.

Made in a minute with boiling water.

Te. retail in 1/- Cartons containing 4 Cubes.

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Makers of  
Freemans Table  
Dainties, Boisseliers  
(Mey-sel-a) Chocolates,  
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*Freemans*  
READY SOUPS  
*Watford*

# THE CHEMIST & DRUGGIST SUPPLEMENT.

OFFICE: 42 CANNON STREET. E.C.

SATURDAY, MAY 26, 1917

This Supplement is inserted in every number of The Chemist and Druggist.

## CHEMISTS' TRANSFERS.

**Messrs. ORRIDGE & CO., 56 Ludgate Hill, E.C.**

Telephone Number: City 2283.

May be consulted at their Offices on matters of SALE, PURCHASE, and VALUATION.

1.—HYDE PARK.—For immediate Disposal, high-class Dispensing and Retail Business; returns about £1,200; gross profit between £650 and £700; the business is known to us, and we can recommend it; valuation terms.

2.—OXFORD STREET (Within Easy Distance of).—For Disposal through death good middle-class Business; Retail and Dispensing; excellent position in main thoroughfare; returns about £1,000; scope for considerable extension under energetic management; valuation terms entertained.

3.—LONDON (Southern Suburb).—Medium-class Family trade; well established; turnover averages £925; gross profit £355; comfortable residence; rent £45; sub-let £13; no near opposition; price £400, or valuation of stock and fixtures.

4.—KENT (Good-class Suburb).—Established business; returns upwards of £1,400 yearly at fair prices; attractive shop, double-fronted; well-selected stock; rent £50 yearly; price £900.

5.—LONDON (Northern Suburb).—Situate in main shopping thoroughfare; well-established Business; increasing income; returns between £1,000 and £1,100; profits exceed the usual rate of middle-class business; well-fitted shop and comfortable residence, with garden; price £600.

6.—LONDON, S.W.—Good-class Business; capital position; returns about £2,000; intending investors with £1,100 at command will find this a sound concern.

7.—LONDON, N.—Brisk Ready-money Retail Business, situate in busy main thoroughfare; returns under management £1,400 to £1,500; terms, £200 on entry and £175 by instalments.

8.—WESTERN COUNTY.—Old-established Business, Retail, Dispensing, and Agricultural; situate in best position in good market town; returns about £1,700; about £1,000 required, for which full value is offered.

9.—HEALTH RESORT (Within Easy Reach of London).—Established Business; capital situation; returns, under management, about £12 weekly; scope for development under personal supervision; attractive, double-fronted shop, with comfortable residence attached; price £250.

10.—SUSSEX.—For immediate Disposal, well-established Business returning between £700 and £750; profits about 50 per cent.; commodious premises; rent £40 yearly; new lease will be granted; price £220; illness cause of sale.

11.—HERTS. (Borders of).—Ready-money Business; held by vendor many years; returns over £30 per week; good position in main thoroughfare; comfortable residence, with garden; rent moderate; price about £500; vendor invites the fullest investigation.

12.—HANTS.—Mixed Business; returns under assistant over £800 yearly; net profit £500; full investigation invited; reasonable offer would be accepted.

13.—WEST OF ENGLAND (Health Resort).—Select, good-class Business, admitting of extension; returns about £1,400; well-stocked shop and good house, on lease; price £1,200.

14.—EXETER (Near).—For Disposal through death, Family and Dispensing Business; returns between £400 and £500; rent £38; no immediate opposition; price £175.

## VALUATIONS FOR STOCKTAKING.

Messrs. O. & Co. desire to emphasize the necessity of a Periodical Statement of Account, by which means alone Profit, the value of Business, &c., can be determined. Involving as this does the labour of Stocktaking and Valuation, it is often omitted, and eventually becomes the cause of confusion and loss.

Messrs. O. & Co. are prepared to undertake these essential duties, and will make Special Terms for such services.

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## BUSINESSES FOR DISPOSAL.

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The Advertiser may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of 6d.

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LIVERPOOL.—For Disposal, old-established Business in thickly populated neighbourhood; present hands 28 years; good opportunity for client looking for a sound business; no reasonable offer refused; no agents. Apply "Steen" (242/19), Office of this Paper.

MIDLANDS.—Owing to death of proprietor, excellent Retail and Dispensing Business, with Wine and Spirit licence, in healthy, flourishing country market town; a prosperous business for 50 years, and still open to development; modern premises with good house; well-fitted shop; satisfactory lease; an exceptional opportunity to immediate buyer. Apply, Mrs. G. Heaton, Ripley, Derbyshire.

SCOTLAND.—Chemist's Business for Sale in Aberdeenshire town; well-fitted, modern shop in main thoroughfare; good Counter, Prescribing trade; profits above average; running expenses very low; stock and fixtures at valuation; good reasons for disposal. "Dorio" (243/28), Office of this Paper.

SOUTH WALES.—Immediate Disposal, in busy industrial centre, well-established Business showing good returns and profits; a bona-fide going concern, and will bear strictest investigation. Apply in first instance to J. W., "Brynawel," The Parade, Whitechurch, Glam.

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(ESTD. 1837.)

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**NO CHARGE TO PURCHASERS.**

1.—CAMBRIDGE (Easy Distance From).—Death vacancy; good-class Light Country Retail Business; pleasantly situated in small market town and increasing; returns nearly £1,300; clear net profit £430; splendid 10-roomed house, garden, and greenhouse; handsomely fitted Pharmacy, very heavily stocked; price required, £1,050; we have been appointed sole agents, and can recommend it as being above the general run of businesses.

2.—BATH.—High-class Dispensing Business; owner retiring; returns £800; good profits; fine position; plenty of scope; price £350 or offer.

3.—SOUTHEAST-ON-SEA.—For immediate Sale, through death; good-class Business; returns last year over £800; plenty of scope for increase; well-appointed Pharmacy, with good house attached; price £450 or valuation.

4.—HERTS.—Good-class Light Country Retail, in best position of small market town; returns average £900; good profits; splendid house; own property; price £400 cash; worth attention.

5.—LONDON, N.W.—Exceptional offer; Light ready-money Suburban Retail, returning over £20 a week; no immediate opposition; rent more than covered by letting off house, on lease; double-fronted shop; heavily stocked; price for quick sale £350, or would accept £150 for lease and fixtures and remove stock.

6.—LONDON, S.W.—Profitable Cash Suburban Retail; entirely under manager; present returns between £800 and £900; plenty of scope; rent £50, let off £26; well stocked; main-road position; price £20 and valuation, about £350; manager called up.

**STOCKTAKINGS.**

Appointments for stocktakings and valuations should be made early. Full particulars and terms sent on application. See page 90 of the *C. & D. Diary*, 1917.

**BUSINESSES FOR DISPOSAL (continued).**

**DRUG STORES** in a thickly populated, middle-class district (North-East Suburb), doing, under an indifferent and inexperienced management, £9 per week (can be doubled); most modern and up-to-date mahogany fixtures; new cash register, cost £25; well stocked (about £120 worth); three scales, balances, etc.; busy road, trams passing the door; nice house; reasonable rent; worth seeing; a real war bargain; owner joining up shortly; price for quick sale £150, everything included; reply at once. Apply, 245/30, Office of this Paper.

**FOR SALE.**—Good Business, lately carried on by qualified Manager; would suit either Chemist's business or good Drug Store; modern fittings; turnover £600-£700; low rent; no agents. What offers Apply, 244/25, Office of this Paper.

**IN** fashionable Inland Spa, old-established, high-class Pharmacy; mostly Dispensing, Light Retail, no Insurance, Photography, or Optics; returns about £800 at good prices; will accept first reasonable offer, as health demands immediate retirement; full investigation courted. Apply, 31/18, Office of this Paper.

**TO SELL.**—Combined Factory of Chemical Produces and Tinned Food Products; well set up for these manufactures; situated in Brittany on seashore, a centre where all raw materials are available; good connection; price asked 150,000 francs; Proprietor would keep interest in part. Write to Société Française, 199 Chemin Dupuch, Bordeaux, France.

**WILL** Sell for £200, a profitable Drug and Medicinal Herb Business with Insurance Dispensing in medium- and working-class neighbourhood; good prices (no cutting); profit from Counter Specialties pays rent, taxes, and gas; advanced age and infirmities cause of disposal. Particulars from R. O. Huddleston, Belmont Street, Heaton Morris, Stockport.

**£70.**—FOR quick Sale this amount buys Drug Store in good suburb in Midland City; suit qualified or unqualified with capital; good house, garden, double-fronted shop; conveniently fitted; low stock; rent £22 and rates. Apply, 245/10, Office of this Paper.

**£250** OR near offer; sound Chemist's Business; busy district; returns last year £900; no opposition; suit young man; owner called up; sacrifice for quick sale. Particulars from "Nostoc" (242/12), Office of this Paper.

**BUSINESSES WANTED.**

**GOOD-CLASS** Light Retail and Dispensing; turnover from £1,000 upwards; commodious shop; rent not exceeding £70 or approximately; locality desired, Hants, Dorset, Devon, or Sussex; cash terms; replies treated with confidence. Address "Pharmacist," c/o Mr. David Lewis, Pharmaceutical Chemist, Broad Street, Pendleton, Lancashire.

**MEDICAL** Practitioner returning to civil practice is desirous of particulars of an opening in good-class district in or near London; all information treated confidentially; full particulars must be given, and information remunerated accordingly. Apply, 242/28, Office of this Paper.

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Price-lists, trade circulars, samples, and printed matter can in no case be forwarded, the Box numbers being intended exclusively for specific answers to particular advertisements. The Publisher reserves the right to open and refuse to forward any communications received which he may consider contrary to this rule.

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**AUSTRALIA.**—Manufacturers' Representative of recognised standing, with Wholesale and Retail connection throughout Australia and New Zealand, desires to negotiate with British Manufacturers for representation, to commence now or after the war. Bank and other references upon request to 23/2, Office of this Paper.

**CHINESE** gentleman of University education, returning home shortly, is open to represent British Manufacturers of standing who are desirous of opening up direct trade with China; has extensive commercial and official connections, and is familiar with native trade usages, conditions, etc. Address "A." (245/25), Office of this Paper.

**LARGE** London House, with 30 trained Representatives covering Great Britain and Ireland, require, whilst the war continues, good selling Line; will take all risks and pay all expenses on approved article. Write "Gray," Box 4465, Willing's, 125 Strand, London, W.C. 2.

**FOR SALE.**

**FOR SALE.**— $\frac{1}{2}$  Doz. Irocoose,  $\frac{1}{2}$  doz. Phosphose,  $\frac{1}{2}$  doz. 1 oz. Merck's Cocain. Hyd.,  $\frac{1}{2}$  doz. Phenolphthalein Tabs. gr. 4, 2 oz. Phenolphthalein Powder,  $\frac{1}{2}$  doz. Guaiacol Carb.,  $\frac{1}{2}$  lb. 1 lb. Caustic Potash B.P. Sticks, 1 lb. Diamidophenol, 15 gr. Platinum Chloride, 2 x 15 gr. Potass. Chloroplatinite. A. Roberts, 171 High Street, Acton, W. 3.

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**TO** Dentists and Doctors.—Upper Part to Let, above an old-established Chemist's Pharmacy; situated on a main thoroughfare and near Tube stations; contains three bedrooms, two reception rooms, etc., side entrance, and can be made self-contained; seen by appointment. Tennant, Chemist, 29 Sussex Place, Queen's Gate, South Kensington. Telephone: Kensington 6113.

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**OLD-ESTABLISHED** Chemist's Shop, House, and Premises to Let at Martinmas (or earlier by arrangement), owing to the retirement of present occupier; good country town; central position; rent £45, on lease; may, if desired, be had as a going concern by taking the splendid Fixtures and small Stock, at less than a valuation; golden opportunity to a real live Chemist. Apply, Geo. Rydiard, 52 Main Street, Cockermouth.

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LAST WEEK MAY 19 1917

NATURE OF ADVT.	REPLIES
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LADY DISPENSER	13
UNQUAL	13
TRAVELLER	12
DISPENSER	10



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## RETAIL.

**BERMONDSEY**.—A qualified or unqualified Pharmacist for old-established Business, to replace Chemist joining the Army on June 1st; a lady or man ineligible for military service would have preference. If resident in London, phone Hop 1894 for appointment, or write, giving particulars of experience, etc., to Austins, Ltd., 196/202 Bermondsey Street, London, S.E. 1.

**BIRMINGHAM (Near)**.—Young lady Assistant required for progressive Chemists' business; one who has had previous experience with a Chemist preferred; state salary required and when at liberty. "Staff" (244/34), Office of this Paper.

**BIRMINGHAM**.—Unqualified Assistant; age about 46; must have had brisk Counter experience and have fair knowledge of Dispensing; permanency. "Ley" (244/341), Office of this Paper.

**EDITORIAL ASSISTANT**.—Applications are invited for the position of Temporary or Permanent Assistant on the Editorial Staff of "The Chemist and Druggist." Experience of the Drug trade essential. Full particulars should be given, especially in regard to age and remuneration expected. Applications, which should be by letter only, should be addressed "M. B." (15/15), 42 Cannon Street, London, E.C. 4.

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**BRISTOL**.—Branch Manager for Bristol suburban Branch; married man preferred; live on premises; must have exemption or be over military age. State age, salary required, and references, to Managing Director, Hodders, Ltd., 5 Nelson Street, Bristol.

**CHEPSTOW (MON.)**.—Wanted, Assistant; lady or gentleman (ineligible); outdoors; easy hours and no Sunday duty. Also qualified Manager for Branch. Apply, stating age, experience, and salary required, Clarke, Chemist, Chepstow.

**CHESHIRE**.—Lady or elderly Assistant, with Minor certificate, required immediately in healthy market town with attractive surroundings; outdoors; closed Sunday; duties not heavy; comfortable position. State salary required and full particulars (including two references and photo if possible), to 243/4, Office of this Paper.

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**ESSEX**.—Required, shortly, Assistant for N.H.I. Dispensing and Agricultural business; lady or ineligible gentleman; state full particulars of experience, age, salary (outdoors), etc. "Chemist," c/o Mr. Moss, Fernhill, Florence Road, Boscombe.

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**LIVERPOOL**.—Junior Assistant in brisk city Business; 3 kept; must be ineligible or discharged; state age, height, salary (outdoors), and references (photo if convenient). John Bain, 4 Quadrant, Lime Street, Liverpool.

**LONDON**.—Qualified or unqualified; ineligible for Army or over military age; outdoors; must have had good experience Dispensing and Retail. Trotman & Co., 16 Cambridge Street, Hyde Park Square, W.

**LONDON, N.W.**.—Qualified Assistant wanted for Dispensing Business; free furnished apartments provided; application from lady entertained if mother or lady friend could share the house. Apply P. Davidson, Pharmaceutical Chemist, 342 High Road, Brondesbury, N.W. 6.

**LONDON, N.W.**.—Qualified Assistant wanted, man or woman, for evenings and some Sunday duty; free furnished house, and salary according to time given. Apply, 244/130, Office of this Paper.

**LONDON, S.E.**.—Qualified Chemist (lady or gentleman), capable of taking charge; highest references essential; abstainer preferred. Apply, with fullest particulars, when disengaged, etc., "London Bridge" (245/34), Office of this Paper.

**LONDON, S.E.**.—Lady Junior Assistant; previous experience Light Retail and Dispensing business. Apply, 40/24, Office of this Paper.

**LONDON, S.W.**.—An Assistant, ineligible, used to Brisk Cash trade and N.H.I.; one seeking permanency or succession preferred. State age, experience, salary required, when disengaged, and references to "H. J." (244/38), Office of this Paper.

**LONDON, W.**—Assistant required at once; "ineligible." Apply, with full particulars, "W. 8" (244/26), Office of this Paper.

**LONDON, W.**—Qualified (Minor) lady Assistant required for first-class West-End Dispensing in old-established Pharmacy. Apply, by letter, giving previous experience, and stating salary (outdoors) required, 243/37, Office of this Paper.

**LONDON, W.C.**—Junior or Improver; ineligible; Light Retail and Dispensing; outdoors; 9 till 8. Apply, stating age, experience, and salary required (part time entertained), Cofman, 6 Bloomsbury Street, W.C. 1.

**MALVERN.**—Well-educated young lady required for high-class Pharmacy; must be a neat and accurate Dispenser and have had some Counter experience; comfortable and permanent berth. "Malvern" (244/340), Office of this Paper.

**MALVERN.**—Lady Assistant required, with experience good-class Dispensing and Counter trade; short hours, 9 to 7, Saturdays 9 to 8, Thursdays 1 o'clock. Apply, with full particulars, T. Wilson Sudlow, Pharmacist, The Malvern Drug Stores, Great Malvern.

**MANCHESTER.**—Part-time, qualified Dispenser wanted, Tuesday and Friday mornings, at one of the Hospitals; would suit lady with Hall certificate. Write to 241/25, Office of this Paper.

**MANCHESTER.**—Young lady required for Chemist's Business; must have some experience with a Chemist; permanency. "Manchester" (244/345), Office of this Paper.

**MANCHESTER DISTRICT.**—Wanted, at once, lady Dispenser with Hall qualification; Counter experience essential; aged not over 35. Apply, stating outdoors salary and giving usual particulars, to T. Woodruff, Ph.C., West Didsbury, Manchester.

**MIDLANDS.**—Assistant, immediately, male or female, in country Business; hours 8.30 to 7, Saturday to 9, Thursday to 1 p.m.; no Sunday duty. Apply, 243/22, Office of this Paper.

**NOTTINGHAM.**—Wanted, soon as possible, experienced Assistant, either sex, for Light Retail and Dispensing; please give particulars of experience and say salary required. Bass & Welford, Ltd., 52 Milton Street.

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**RICHMOND, SURREY.**—Lady Assistant wanted for Counter and Dispensing; good-class Store trade; permanency and no Sunday duties. Apply, personally or by letter, Coppen Bros., Ltd., 121 Carey Street, Vincent Square, Westminster, S.W.

**SIDMOUTH.**—Assistant required for high-class Dispensing business; either sex (if male, ineligible for military service or C.3); must be reliable Dispenser; short hours. Apply, giving full particulars, to Hinton Lake & Son, High-class Chemists, Sidmouth, Devon.

**SOUTH OF ENGLAND.**—Manager, qualified (ineligible for military service), required to take entire charge of a Dispensing and Family-trade business; abstainer preferred. Send full particulars, salary required, and recent references, to 40/18, Office of this Paper.

**SOUTH OF ENGLAND.**—Assistant required (male or female); free removal; permanency with good salary. Timothy White Co., Ltd., Chemists, Portsmouth.

**SOUTHPORT.**—Wanted, reliable Assistant for good-class Retail and Dispensing; outdoors; please state age, experience, references, salary required, and, if convenient, enclose photo. J. R. Cave, Ltd., 52 Nevill Street, Southport.

**STOWMARKET.**—Qualified Manager; discharged, ineligible, or just over military age; hours 8.30 to 7 Mondays to Fridays, 9 Saturdays; Family, Dispensing, and Veterinary connection; please state salary required and all particulars in reply. T. Wilson, Chemist, Stowmarket.

**SURREY.**—Required, as soon as possible, a qualified Chemist; easy hours and comfortable post. Apply, stating salary, which must be moderate, to Tottle, Chemist, Epsom.

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**YORKSHIRE (West Riding).**—Manager (qualified) required for progressive Cash business; must be a rejected man or above military age; liberal interest in the profits offered to a really capable man. "Urban" (244/343), Office of this Paper.

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**ASSISTANT** wanted for Counter; outdoors; short hours; light work. Apply, stating age, full particulars of experience, salary required, and reference, to Messrs. W. Edes Everett, Ltd., 34 St. Botolph Street, Colchester.

**ASSISTANT**, unregistered, required; outdoors; easy hours; no Sunday work. Apply, Lewis & Burrows, Ltd., 146 Holborn Bars, E.C.

**ASSISTANT**; outdoors; discharged, exempted, or otherwise not liable for military service. Apply, personally, or, if by letter, give particulars of recent situations, age, height, salary required, and enclose photo, to Hooper, Struve & Co., Ltd., 26 Davies Street, Grosvenor Square, London, W.

**BRANCH** Manager wanted at once; must be over military age or ineligible. Apply, personally, any morning (except Saturday), or write, stating salary required, when disengaged, and enclosing, if possible, recent photograph, Parke's Drug Stores, Ltd., 65 Harwood Street, N.W.

**CHEMIST** Manager.—Wanted, at early date, competent, qualified Chemist to manage a small Retail and Dispensing business (outdoors); in the Borough, S.E.; about 30 N.H.L. Prescriptions daily. Send particulars in the first instance to "Retail" (245/340), Office of this Paper.

**DISPENSER** (Locum Tenens), with Pharmaceutical qualifications, required for three weeks in July next at the London County Asylum, Cane Hill, Coulsdon, Surrey; £2 2s. a week, with dinner daily when at Asylum. Apply, in writing, with particulars of qualifications and references, to Acting Medical Superintendent.

**DISPENSING** Assistant (lady or gentleman), for N.H.L. Light Retail, etc., in healthy Midlands country town; outdoors; hours easy; no Sunday duty; comfortable berth. State salary required and full particulars to Blades, Chemist, Leek, Staffs.

**LOCUM**, unqualified, for middle of July to middle September; £3 3s. W. D. Hall, Chemist, Skegness.

**LOCUM**, qualified, wanted July 16th to August 4th; state terms. Apothecaries' Hall, Blackfriars, E.C. 4.

**MANAGER** required at once (ineligible) to take full charge; knowledge of Agricultural business essential. Apply, with full particulars, experience, age, references, and salary required, to Allen & Neale, King's Lynn.

**MANAGER** for Drug Store; no Poisons of any kind; easy berth; no Sunday; London district; man looking for permanency desired. State age, experience, and salary to 245/9, Office of this Paper.

**MESSRS. TIMOTHY WHITE CO., LTD., Chemists, Portsmouth,** require a capable Pharmacist (male or female); easy hours; good and progressive salary, with excellent prospects; free removal.

**OUTDOOR** Assistant wanted; ineligible for military service; third-class rail fare paid; state age, height, experience, and salary required; lady with Hall qualification and some Counter experience would be considered. Apply, Fuller, Chemist, Norwich.

**QUALIFIED** Chemist (exempt from military service) required to manage Light Retail and Dispensing business; easy hours; no Sunday, night, or Bank Holiday duty; state full particulars of experience in first letter, also age and salary required. Martyn's Stores, Ltd., 26 Queen Street, Wolverhampton.

**QUALIFIED** Assistant, lady or gentleman; hours 9 to 8, Saturday 9, Thursday 1; no Sunday duty; state salary, etc. Fellows, 47 Worcester Street, Wolverhampton.

**QUALIFIED** Manager (single), age about 45, required for Relief work; permanent and lucrative post. "Relief" (244/342), Office of this Paper.

**QUALIFIED** Manager wanted; branch shop; easy hours; East Lancs. Apply, "C." (244/230), Office of this Paper.

**REQUIRED.** Dispenser; Minor qualifications; hours of work approximately 8.45 to 6 o'clock, 1 o'clock Saturdays; no Sunday duty. Apply, stating particulars of past experience and salary required, to L. J. Army and Navy Stores, 105 Victoria Street, S.W. 1.

**REGISTERED**; elderly or physically incapacitated; comfortable permanency; N.; light superintendence; terms. Apply, 243/33, Office of this Paper.

**SALESMAN** and Dispenser wanted (unqualified); must be eligible or over military age. Apply, personally, any morning (except Saturday), or write, stating salary required, when disengaged, and enclosing, if possible, recent photograph, Parke's Drug Stores, Ltd., 65 Harwood Street, N.W.

**WANTED**, Junior or Improver; lady or gentleman, or unqualified man past military age. Apply, N. N. Armitage, 114 Tong Road, Armley, Leeds.

**WANTED**, Manager; large country Business; easy hours; no Sunday work. Particulars as to reference and salary to Robinson's Drug Stores, Haverhill, Suffolk.

**WANTED**, qualified lady or gentleman for S.W. London suburban Business. Particulars, salary, and references, to 243/34, Office of this Paper.

**WANTED**, West Midlands, young lady Assistant for good-class Retail, Dispensing, and Photographic Chemists' business; outdoors. Full particulars on application to "L. N." (244/21), Office of this Paper.

**YOUNG** lady Dispenser required; one with Counter experience preferred; must have the Apothecaries' Hall qualification. If convenient, apply personally any morning (except Saturday), Parke's Drug Stores, Ltd., 65 Harwood Street, N.W.

## WHOLESALE.

**LABORATORY** Assistant is required by firm of Wholesale Chemists manufacturing Specialities; ineligible. State age, wages expected, experience, etc., to "Tragacanth" (39/240), Office of this Paper.

**AN** intelligent, ambitious, and industrious young man, to take charge of and manage a small and growing Manufacturing Business in Midlands; excellent opportunity; state experience. Apply, 35/26, Office of this Paper.

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**COMPETENT** men wanted for Wet-room and Dry-room Counters; previous experience and satisfactory references essential; ineligible for military service. Apply, stating age, experience, and wages required, R. A. Cripps & Son, Manufacturing Pharmacists, Hove.

**FIRM** offers good commission to Traveller for two Side-lines. Write, Super-Toilex Co., 8 Laurence Pountney Hill, London, E.C.

**LABORATORY** Chemist and Analyst for the North of England; "Minor" qualification acceptable; must be ineligible for the Army, or may be N.S. Volunteer. Apply, with full particulars and salary required, to 39/64, Office of this Paper.

**LEADING** London House requires experienced Export Despatch Clerk; ineligible; unmarried. Apply, giving full particulars, 39/38, Office of this Paper.

**MAN**, as Goods Receiver and Basement Foreman required in old-established City Drug Warehouse; permanency and good wages to capable man with practical knowledge of such work. Apply, stating age and salary expected, and giving particulars of past experience, to 245/38, Office of this Paper.

**REPRESENTATIVES**, experienced and qualified, required for local and Yorkshire grounds. Apply, with references and full particulars, stating ground covered and salary required, to Goodall, Backhouse & Co., Leeds.

**REQUIRED**, for City Wholesale Druggists, young lady for Wet-floor Poison Room; Hall qualifications; hours 9 a.m. to 5 p.m., 1 o'clock Saturdays. Apply, by letter, giving full particulars and salary required, to 38/56, Office of this Paper.

**SALES** and Advertising Manager, skilled in pushing high-class Proprietary Medicines, wanted at once by London firm of Wholesale Chemists; knowledge of Therapeutics desirable, and a qualified man preferred; must be ineligible; permanent position. Apply, giving age, experience, and salary required, to "Oleum" (39/24), Office of this Paper.

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**ALGIERS**.—For leading Pharmacy, French-speaking Assistant; exempt from military service; salary and commission about 430 francs per month. Apply, by letter, to "C. J. R.," c/o Evans, Sons, Lescher & Webb, Ltd., 60 Bartholomew Close, E.C.

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[HOME.]

RETAIL.

**AS** Manager; thoroughly reliable; qualified; experienced; 45; £5 weekly. 244/25, Office of this Paper.

**ASSISTANT**, disengaged; unqualified; age 30; undeniable references; now ineligible, B3; state salary. "Statim," 67 Cornwall Road, Bayswater.

**ASSISTANT**; capable management; unqualified; married; age 41; exempt; vacant shortly; City or W.C. preferred; smart Counterman and Dispenser; good salary required. "Aspirin" (243/35), Office of this Paper.

**ASSISTANT**; 31; discharged soldier; active; experienced; outdoors; London post; west preferred. Alexander, 204 Ebury Street, S.W.

**COMPETENT**, reliable, qualified Locum, or permanency. Jones, 49 Hertford Street, Mayfair, W.1.

**DISENGAGED**; 20 years' experience Chemists and Doctors; Hall, N.H.L., and 1st pt. Minor. Apply, 244/37, Office of this Paper.

**DISPENSER** seeks engagement; whole or part time; twenty years' experience in good-class Practice; Medical curriculum. "C.," 9 Thorold Road, Ilford.

**DISPENSER-BOOKKEEPER**; Hall certificate; accustomed to Surgery; Locum or otherwise; disengaged. Apply, Saul (Miss), 108 Houghton Road, Grantham.

**EXPERIENCED** Dispenser-Counterman; middle-aged; discharged Sergeant R.A.M.C.; reliable, sober, trustworthy, active; Locum or permanency; moderate hours. "Chemist," 43 Cobourg Road, Montpelier, Bristol.

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**LADY** Dispenser, unqualified, seeks temporary post for August. Chappel, King's School, Worcester.

**LADY**, unqualified, would like work in a Chemist's shop; S.W. district preferred. "Y." (243/24), Office of this Paper.

**LADY** Dispenser (Hall) desires post in London; Doctor, Institution, or Hospital; nursing experience. "D." (243/18), Office of this Paper.

**LADY** Dispenser, part Hall qualification, desires post with Chemist in London. Apply, with full particulars, to Stevenson, Robins Croft, Chilham, Canterbury.

**LADY** Dispenser (Hall) desires post with Doctor or Chemist; Brighton or near; slight experience. Spence, 42 St. Andrew's Road, Portslade-by-Sea.

**L**ADY requires post in Birmingham; short experience of Retail and Dispensing. Apply, 244/11, Office of this Paper.

**L**ADY Dispenser requires post or Locum; Hospital or Doctor; ten years' experience. Apply, 244/4, Office of this Paper.

**L**ADY Dispenser and Bookkeeper, experienced in Hospital and private work, desires post; permanency or locumey; good references; disengaged. Apply, 244/2, Office of this Paper.

**L**OCUM, five years' Hospital experience, disengaged July; London district only; 2½ guineas. Mrs. Smith, 4 West Kensington Mansions, W. 14.

**L**OCUM, 51, experienced, disengaged; abstainer; forward bookings; terms moderate. J. S., 139 Linthorpe Road, Middlesbrough.

**L**OCUM, Manager, disengaged; Major; 50; varied experience. "R., Otter View, Ottery St. Mary, Devon.

**L**OCUM; town or country; 53; qualified; London. 244/36, Office of this Paper.

**M**ANAGER, Locum, 48, Major, disengaged; experienced. Anthony, 17 Shelton Road, Merton Park, Wimbledon, S.W. 19.

**M**ANAGER; 50; tall, energetic; at present managing high-class provincial Pharmacy; ordered South on account of wife's health; position in healthy residential district. Apply, 244/22, Office of this Paper.

**M**ANAGER, Relief, or Locum; qualified; good references; abstainer; over age; state terms. Apply, 244/28, Office of this Paper.

**M**ANAGER; thoroughly reliable Counterman, Prescriber, and Window-dresser; unqualified; London. "W." (246/3), Office of this Paper.

**P**ART TIME, Thursdays and Sundays; 25 years' experience; competent all branches. 246/2, Office of this Paper.

**P**HARMACIST, 43, lately disposed of Business, desires Managership or position in Institution; good all-round business man; excellent references. "Alpha," Miss Criddle, 11 Castle Arcade, Cardiff.

**P**HARMACIST, 44, seeks berth Liverpool or district; good experience; at liberty. 244/15, Office of this Paper.

**Q**UALIFIED, 25, desires post in Midlands; C 3, conditional exemption; free end of month. Apply, 240/18, Office of this Paper.

**Q**UALIFIED; over military age; manage Business for Chemist called up; highest references. Apply, "Pharmacist" (243/26), Office of this Paper.

**Q**UALIFIED; 44; disengaged; whole, part time, or Locum. "Pharmacist," 5 Claverton Street, S.W.

**S**ENIOR Medical Student wishes situation as Dispenser; East of London preferred; small remuneration. Write, "M.B.," 17 High Street, Stepney, E. 1.

**U**NQUALIFIED; rejected; first-class London experience; competent; abstainer. "Associate," 24 Kincaig Street, Roath, Cardiff.

**Y**OUNG lady; experienced Stock, etc. G. A., 53 Montague Road, Hounslow.

**Y**OUNG lady, 23, desires situation, Counter Assistant; 2½ years' Retail; no Dispensing. L. C., 761 Garratt Lane, Tooting, S.W. 17.

## WHOLESALE.

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**B**ELFAST and North of Ireland.—M.P.S., twenty years' experience Drug, Patent, Sundries, and Photographic, could represent good House established connection duration of the war. Apply, 240/14, Office of this Paper.

**M**ANAGER, Patent Medicines, Multiple House, desires change; age 47; also 18 years' experience Wholesale trade. 241/35, Office of this Paper.

**Q**UALIFIED, 44, seeks post Wholesale; would Travel if desired. "Pharmacist," 5 Claverton Street, S.W.

**R**EPRESENTATIVE, 16 years' experience London and country, with sound personal connection (Medical profession), is open for engagement, or would entertain "Sole Agency" or responsible indoor position; excellent credentials. Apply, 244/8, Office of this Paper.

**W**HOLESALE.—Good Organiser, Stockkeeper; first-class, varied Retail experience; excellent references; ineligible; any progressive position. "Camphor" (245/35), Office of this Paper.

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**R**AW Lemon Juice, freshly squeezed from Messina Lemons, guaranteed genuine and pure, in returnable casks; about 5,000 gallons, ready for prompt delivery. Price on application to John F. Seyfried & Sons, 71 Eastcheap, E.C. 3

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**S**ECOND-HAND Chemists' Fittings.—We have an exceptionally fine selection of these in all sizes; prices are right, and goods are in first-class condition; we shall be pleased to supply particulars and prices. Call or write, RUDDUCK & CO., 262 Old Street, London, E.C.

**E**MPTY Boxes, 15" × 10½" × 6½", clean, with lids complete, several gross for Sale; will send one as sample on receipt 1s. postage paid; price 5s. per dozen ex works London. Reply, "Boxes," c/o Deacon's, Leadenhall Street, E.C. 3.

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Original Cost Price for Vest Pocket Kodaks, R.R. Lens, and Watch Pocket Carbinets. Try us for Single Models, Dealers' Stocks, Ensignettes, &c. We reply promptly and courteously, and goods are returned at once, CARRIAGE PAID, if no business is done.

**WATSONS, 84 High St., Sheffield.**

## WEST-END PHARMACY SUPPLY, (R. Rios & Co.) 231 REGENT ST., LONDON, W. 1.

Sole Agents for United Kingdom for

**BLENOSAN CAPSULES**

(Kava-Kava and Santal Compound).

**CACHETS "WEPS"**

All sizes, 2/6 per 1000, plain or embossed. Write for Samples.

Clinical Thermometers.

Medicinal Capsules.

Fine Chemicals.

# EXCHANGE COLUMN

One halfpenny per word with name and address. One penny per word if we register the address and attach a number. No advertisement inserted for less than 6d.

Price-lists, trade circulars, samples, and printed matter can in no case be forwarded, the Box numbers being intended exclusively for specific answers to particular advertisements. The Publisher reserves the right to open and refuse to forward any communications received which he may consider contrary to this rule.

## FOR DISPOSAL.

### DRUGS AND CHEMICALS.

FOR Sale, Glycerine Suppository Mould for 12, 60 grains; Glycerine Mould for 12, 10' grains; good as new; cheap. W. F., 17 Warrender Road, N.

WHAT offers?  $\frac{1}{2}$  lb. Tinct. Castorei, 4 oz. Ammon. Salicyl., 3 oz. Sodii Glycerophos 100%, 3 oz. Calcii Glycerophos, 100 x 5 gr. Tabs. Barbitone. Ferrier, Grangemouth.

### OPTICAL AND PHOTOGRAPHIC.

ENLARGING Camera, in good condition, for sale, and a few accessories; bargain. "Chemist," 32 Harrington Road, near South Kensington Station.

### MISCELLANEOUS.

13 GROSS 2 oz. Medical Flats; what offers? Sample for four stamps. Finlayson, Pharmacist, Stockton-on-Tees.

ONKEN Younits, full set, in perfect condition; cost £7 10s.; accept £5 10s. Tranmer, High Street, Smethwick, Birmingham.

## WANTED.

WANTED, Otto of Rose. Apply, 34/36.

BLOCK liquorice wanted; not in sticks. Apply, 233/24, Office of this Paper.

WANTED, 40-gallon Cistern, clean, for turpentine. Clayton, Chemist, Oxford.

ZWANCK'S Pessary, size 2; also Pertussin; state price. Hellens, Chemist, Totnes.

WANTED, Iodipin, 10% or 25%; quantity and price. Forbes, Chemist, Stockport.

PILL Machine, gr. ii. 24 or 36, good; Warehouse Scales, 14 lb. Ferrier, Grangemouth.

WANTED for cash, Photographic Plates, Cameras, sundries. Wilsons, Chemists, Wigan.

1 PINT stoppered Bottles for perfume. Quantity and price to Baily, Chemist, Margate.

SACCHARIN wanted; state quantity, quality, and lowest price. Walton, Chemist, Batley Carr.

NATIONAL Cash Register wanted, with autographic slip, up to £2. Whysall & Son, Grantham.

SPECIMEN Dental Show-case with dentures. Size and price to Fairweather, Chemist, Sydenham, S.E. 26.

PERCOLATOR, copper, wanted; conical shape; size about 5 gallons. Apply, 244/12, Office of this Paper.

OZONIA wanted; clean. State lowest price and quantity to P. Bolton, Chemist, 5 Sussex Place, South Kensington, S.W.

WANTED, Optical Trial Case, medium size, rimmed lenses; give particulars. "M.P.S.," 2 Albion Road, Clapham, London, S.W.

OPTICAL books, Minor, Major, Chemists' books; send prepaid for valuation; cash offers per return. Gower, Bookseller, 41 Voltaire Road, Clapham, S.W.

EVERY GENUINE PACKAGE



BEARS THIS LABEL

## EWEN'S LARD

is the  
ONLY LARD  
that

is made exclusively  
for pharmaceutical  
and perfumery  
preparations  
and is the

BEST AND

MOST RELIABLE

Guaranteed B.P.  
Lard on the Market.

## Pharmaceutical Council Election.

To the Members of the Pharmaceutical Society.

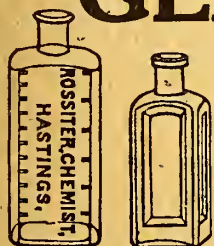
DEAR SIRS,—Please accept my sincere thanks for the splendid support accorded me at the recent election, and, although not successful, I still greatly appreciate the help given by Pharmacists all over the country.

I am,

Yours faithfully,

W. H. FOWLER.

# GLASS BOTTLES WHOLESALE and EXPORT



Medical Flats { Best Quality, Quinine Tinted.  
Panels " Pale Tinted, 2nd Quality.  
" Pale Green.  
Vials, White Flint. All sizes.  
Poisons, Actinic Green, Blue or Amber.

SAMPLES AND PRICES UPON APPLICATION TO—

FARROW & CO., 87 Borough High Street, LONDON, S.E.

Telephone—HOP 3222.

## General Medical Council.

THE SPRING SESSION of the Council opened in its new parliament house, 44 Hallam Street, on May 22. The members all responded to the roll-call with the exception of Dr. Langley Brown, prevented by ill-health from attending the beginning of the session. One of the best-known faces is missing this year. The venerable Dr. Little, representative of the Crown for Ireland, died last December after, as the President said, "serving on the Council for nineteen years, and winning the warm regard of all his colleagues by his shrewd practical wisdom, his unflinching consideration for others, and his kindly humour in debate." Another loss is the retirement of Sir Henry Morris, member for twelve years, whose weighty speeches and lordly bearing had great influence in debate, and in years past served in great measure to vindicate the independence of the Conjoint Board. The President referred to the help which Sir Henry had given on several important Committees, in particular on that which supervised the erection and equipment of the new building. Mr. Edward Coey Bigger, M.D., introduced by Sir John Moore, succeeds Dr. Little, and Mr. Holbert Jacob Waring, M.S., F.R.C.S., introduced by Dr. Norman Moore, represents the Royal College of Surgeons in place of Sir Henry Morris. Mr. Waring's khaki adds to the variety of the assembly; military bravery has now spread to Sir Arthur Chance as well as to Mr. Hodsdon, and to the Council's solicitor; while Colonel King, the whilom Registrar, was also present. Congratulations were offered by the President to Sir Archibald Bodkin, the Council's judicial assessor, to Sir Arthur Newsholme, and to their former colleague, Sir Thomas Myles, now C.B., for the honours conferred on them.

### THE PRESIDENT'S ADDRESS

dealt with the difficulties caused by military service claimed from medical practitioners and students, the numbers remaining at home and for the future recruitment of the profession being so reduced as to cause some misgiving. The question of a more effective system of professional mobilisation had been last March before a conference of the profession and certain Government Departments, when he, their President, had been invited by Mr. Neville Chamberlain to take the chair. The result of the proposals then made to the Government had not been made known. A return made of the number of medical students showed that, while in May 1916 the whole number of medical students was 6,103 (including 1,379 women), in January 1917 the whole number was 6,682 (including 1,735 women). As might be expected, the increase was mainly in the first and second years. The fourth and final years, taken together, were stationary. The third year, which would supply the practitioners of 1919, numbered in January only 572 men and 261 women. Since February, however, a fresh call, extending to one group of medical students not classified as "fit for general service," had reduced still further the numbers. It is now clear that, certainly in the years 1918 and 1919, and probably in the present year 1917, there will be a serious falling-off in the number of practitioners added to the Register. In the years 1920 and 1921, however, an increase may be expected in the number of registered practitioners, both men and women.

### THE PHARMACOPOEIA.

A new impression of the British Pharmacopoeia, 1914, will presently be required, the first impressions (numbering 30,000 copies) being nearly exhausted. The cost to the Council will be considerably augmented; but in view of the national importance of the work it will not be expedient to propose the raising of the selling-price beyond that fixed by the Treasury in 1914.

The use of glycerin for munitions of war has imposed close restrictions on its employment in pharmacy. It may, indeed, become necessary to notify to practitioners and the public that prescriptions including the glycerin of the Pharmacopoeia cannot for the present be dispensed, and that pharmacists can no longer obtain a sufficient supply of glycerin even for the making of certain official preparations. Sugar also is not to be had without difficulty, and prescribers have been advised to avoid ordering the official syrups, etc., as vehicles or adjuvants. The Pharmacopoeia Committee is awaiting definite information on these matters from the Government Departments immediately concerned. In pursuance of a resolution of the Council of the Pharmaceutical Society of Great Britain the Privy Council has issued an Order which places in Part I. of the Poisons Schedule of the Pharmacy Act, 1868, emplastrum plumbi and like preparations of lead, whether sold as diachylon or otherwise. This Order will have the effect of restricting the sale of this poison for internal use, and so of diminishing a serious public danger.

### DENTAL PRACTICE.

Serious delay in the amendment of the Dentists Act even in the present crisis will only make more difficult the question of providing for the civil and military requirements of the nation. The already insufficient supply of qualified dentists is suffering further reduction by the calls of the war. Revision of the curriculum will not by itself induce sufficient candidates; the Legislature must co-operate by revising and coming into line with the rapid progress made by British legislation outside the United Kingdom. In South Africa a measure is now before Parliament to prohibit altogether the unqualified practice of medicine and dentistry throughout the Union.

The usual vote of thanks to the President for his address, formerly proposed year after year with ever fresh zest by Dr. Little, came this time from Sir G. Philipson, now the *doyen* of the assembly, but who is not remembered to have spoken before.

### PENAL BUSINESS.

The case of Arthur Edward Gladstone, M.R.C.S., L.R.C.P., resident in New Zealand, who had been found guilty at the Divorce Court of committing adultery and eloping with a patient, was, on the application of his counsel, adjourned till next session, so as to enable him to submit a statutory declaration.

Business began on Wednesday with the consideration of the case, postponed from last session, of Mr. Thomas Dixon Cook, M.B., Glendon, Torquay, against whom the charge was brought by the Midwives Board that he had knowingly assisted certain uncertified midwives to practise under the cover that the patients were attended by him. The facts alleged were found to be proved, but Mr. Cook had since had no further connection with the uncertified, and his brother practitioners testified that his professional conduct had been unimpeachable. The Council accordingly did not see fit to erase Mr. Cook's name. The Central Midwives Board had discovered another offender in Mr. Edward White, L.S.A., M.R.C.S., 2 Green Park, Bath, who had enabled a midwife to practise whose name had been removed from the roll of midwives in 1911. Mr. White conducted his own case, tendered himself as a witness, and was cross-examined and questioned at length. After about half-an-hour's consideration *in camera*, the President announced that the facts alleged were found to be proved and that the Council took a grave view of the case, but that it would be postponed till next November to give Mr. White an opportunity of reconsidering his attitude.

A very unusual case came to the knowledge of the Council from overseas, the Medical Council of Trinidad having sent over the case of Henri Saturnin Hartley, M.D. (French University of Laval), of Sackville Street, Port of Spain, Trinidad. Dr. Hartley had been struck off the Register at Trinidad for having, it was alleged, given false certificates of vaccination for persons whom he had never seen, and who were, in fact, fictitious. The certificates were given to persons who passed from Trinidad to Venezuela, none being allowed to land at the latter island without a certificate of vaccination. The case occupied the rest of the day, and on Thursday it was decided that the case was not proved.

## Trade-marks Applied for.

The figures in parentheses refer to the classes in which the marks are grouped, for a list of which, with particulars as to registration, see "The Chemist and Druggist Diary," 1917, p. 220.

(From "The Trade-marks Journal," May 16, 1917.)

- Device of ace of spades bearing beetle; for a wood-preserving fluid (1). By Standardised Disinfectants Co., Ltd., 26 Billiter Buildings, E.C. 3. 377,063. (Associated.)
- "CROSSED KEYS," and circular device of crossed keys, with words "Crossed Keys Brand"; for chemicals (1). By T. Lye & Sons, New Bedford Road, Luton. 377,192/3. (Associated.)
- "LACO"; for a chemical fuel-economiser (1). By G. E. Hann, 5 King's Terrace, Pallion, Sunderland. 377,316.
- "ALISPHOROL"; for chemicals (1). By British Dyes, Ltd., St. Andrew's Road, Huddersfield. 377,379.
- "BASLAG" and "SOLPHOS"; for chemicals (2). By The Molassine Co., Ltd., Tunnel Avenue, East Greenwich. 377,618/9.
- "AMPULIQUE"; for medicinal chemicals (3). By C. J. Hewlett & Son, Ltd., 35-42 Charlotte Street, E.C. 2. 377,645.
- "RELENTA"; for medicinal chemicals (3) and for mineral waters, etc. (44). By Schweppes, Ltd., 62 Hammersmith Road, W. 14. 377,697/8.
- "PARAMOUNT" in diamond-shaped device; for a mineral substance for use in fertilisers (4). By Coronet Phosphate Co., 99 John Street, New York. 377,356.
- "BERNOL" for scientific instruments, etc. (8); "BLUE BIRD," for food-substances (42) and for goods (50). By Boots' Pure Drug Co., Ltd., 37 Station Road, Nottingham. 377,636/504. 377,624. (Associated.)

# NOTICE!!

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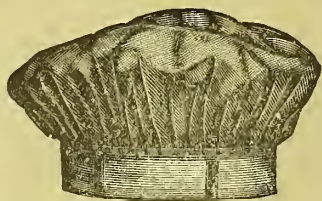
WE beg to draw  
the Attention  
of the Trade to the  
fact that the Per-  
fumery Department

*of*

**W. J. BUSH & CO., LTD.**

**ASH GROVE, HACKNEY, N.E.**

**Will be closed from  
MAY 26 to JUNE 2.**



**AS MANUFACTURERS  
WE OFFER**

THE LATEST PATTERNS IN  
SOLID RUBBER OR PROOF

**BATHING CAPS**

**ALL BRITISH.**

**F. SCHUTZE & CO., Ltd.**  
Caledonian Market, London, N.

## TOILET GOODS

**In Bulk  
FOR THE CHEMIST**

### SHAMPOO POWDER.

Well Perfumed and of finest quality. Any odour.  
 $\frac{1}{2}$  oz. makes a Pint packet. 2/- a lb.; 7 lbs.  
for 13/-

### BRILLIANTINE.

Any Perfume and Colour required. 10/6 and  
14/- a gallon.

### NON-OILY HAIR CREAM.

Exquisitely Perfumed Carnation, or as required.  
8/6 a gallon.

### LIME CREAM, Inseparable.

6/6 a gallon.

Carriage paid. 5 per cent. discount on orders of £1.

**ESSONA PERFUMERY CO.,**  
*English Perfumers,*  
**WIMBLEDON.**

THE  
**BRITISH WAX REFINING**  
COMPANY, LIMITED.

**WHITE BEESWAX  
YELLOW BEESWAX**

Slabs, Bars, Tablets or Discs

**CERESINE WAX**  
**Bleached Carnauba Wax**  
**Carnauba Wax Residues**

*All Waxes Refined, Bleached and Manu-  
factured at our Works, REDHILL, SURREY.*

Registered Office:

**5 RANGOON ST., LONDON, E.C.3**

## THE "MILNER" STRAW HAT CLEANER

*Sells Well Everywhere.*



IT IS EASILY  
USED, AND  
GIVES COMPLETE  
SATISFACTION.

Price **2d.**  
a packet.

Bonus of 6 packets  
given with each gross.

#### CHEMISTS' OPINIONS.

"It is really marvellous how this line sells."  
"My customers speak highly of it."

NOTE—Please see the trade mark and name on each package.

#### PRICE LIST.

3 dozen 4/-	...	2 gross 2½ %	...	13 to doz. for cash
6 dozen 7/-	...	5 gross 5 %	...	with order.
12 dozen 13/-	...	10 gross 7½ %	...	Carriage paid.

Showcards, Window Slips, &c., supplied with each order.

**Milner's Chemical Co., Liverpool.**

**LABORATORY  
OF GENERAL PHARMACOLOGY,  
8, Rue Vivienne, Paris.**

**LONDON AGENTS:  
WILCOX, JOZEAU & CO., 49, Haymarket, S.W.**



**CHAPOTEAUT'S  
CAPSULES of  
PHOSPHOGLYCERATE  
of LIME.**

**THE BEST TONIC FOR  
FORTIFYING AND BUILDING UP  
THE NERVOUS SYSTEM.**

*Sold by all Chemists.  
Wholesale: 8, Rue Vivienne,  
PARIS.*

**MORRHUOL CHAPOTEAUT**



**CAPSULES**

MORRHUOL DE CHAPOTEAUT  
is extracted from cod-liver oil, and  
contains all its efficacious proper-  
ties without the disagreeable taste.

*It cures Coughs, Bronchitis and Catarrh,  
restores the appetite, and gives force to  
feeble persons.*

**SOLD BY ALL DRUGGISTS.**

**CHANDRON'S  
DROPS**

**(Gouttes des Colonies)**

**A harmless antiseptic  
preventative against CHOLERA  
FERMENTATION - INDIGESTION  
Other intestinal disturbances.**

**SOLD BY ALL CHEMISTS**



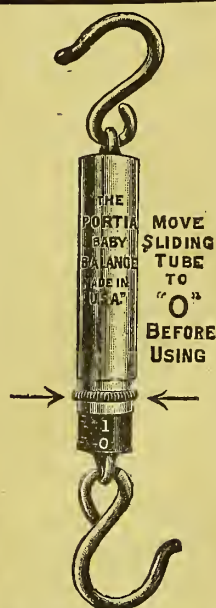
*I find the other - liquid and  
not so charming as this called  
by my name. Very sincerely  
Mary Garden*

**PARFUM  
MARY  
GARDEN**

**RIGAUD  
PARFUMEUR  
16 RUE DE LA PAIX  
PARIS**

**LONDON AGENTS  
HEPPELL & CO., 164, Piccadilly, W.**

## A Profitable Seller



### THE "PORTIA"

(Regd.)

NET WEIGHT

### Baby Balance

Weighs up to 15 lb.

Price	Retail
12/6	1/6
dozen.	each.

Hang a balance in your window with our dainty cut-out showcard in colours on the lower hook, showing a baby actually being weighed, and you will soon be re-ordering.

## SOLPORT BROS.,

LIMITED,

184 to 190 Goswell Rd., London, E.C.

Obtainable through all Wholesale Houses.

## LOFTHOUSE & SALTMER, Ltd.

Wholesale & Export Drug Merchants,  
— Manufacturing Chemists —

### HULL

INVITE the Trade to take up the following valuable P.A.T.A. Protected Lines, bearing a large Protected Retail Profit, which sell freely and are well known and valued by the Public in many parts of the country.

	P.A.T.A.	Protected Retail Price.	Dozen Net.
*LOSALL'S SALT (well advertised), tins	7½d.		5/6
" - - - - -	1/2		10/-
" - - - - - bottles in cartons	1/6		12/-

\*Losall's Salt sells so well, surely it must pay Pharmacists to stock such a large profit-bearing protected line.

### LOSALL'S COMPOUND SULPHUR SOAP.

A valuable emollient medicated skin soap, 13/6 per dozen especially suitable for use in Eczema boxes net.

Chemists requiring effective advertising matter for Losall's Salt, & Co., will, on application direct to Lofthouse & Saltmer, receive a liberal supply of Dummies, Showcards, Window Slips, Price Tickets, & Co., Carriage Paid, whether or no they have an account open with the Firm.

Tele — "AMCOMCO, FLEET, LONDON."

Phone — 1503 HOLBORN.

NEW YORK — PARIS — MILAN

THE

Established 1898

## AMERICAN COMMERCE CO. LTD.

MANUFACTURERS AND MERCHANTS  
19 St. Bride Street, London, E.C.

# ACETANILID

POWDER. U.S.P.

(on Spot)

# SALICYLIC

ACID. B.P. and U.S.P.

# METOL

100%  
(on spot)

## You Reap the Profits!

The above is only one of the many forceful advertisements now appearing in the most influential National publications and Fashion periodicals telling housewives that Iron-mould is no longer immovable. Moovol contains no injurious acids and is not harmful to the most delicate fabric.

ARE YOU PARTICIPATING IN THE PROFITS?

Send a P.C. for trial stock and display material to

WM. EDGE & SONS, LTD.,  
BOLTON, \*LANCS.

(THE DRUMMER DYE PEOPLE.)

# A BRITISH SUCCESS!

# ZOKA

Advertised in conjunction with  
Zoka Tooth Paste.



Showing Display Box.

# TOOTH POWDER

Retails at **6d.**  
PER TIN.

A SCIENTIFIC POWDER.

POPULAR AND PLEASANT.

VERY SMART GET-UP.

Tear this off and post back to us.

## OPENING BONUS ORDER.

Send me as trial :  $\frac{1}{4}$  gross Zoka Tooth Powder, 6d. size ... 9/6  
1 dozen " " " ... free

Producing 150 % Profit.

Chemists placing this opening order secure for themselves PERMANENTLY the special Bonus terms of 36/- per gross instead of the ordinary terms of 38/-.

Name..... Address.....

To WHITE BAND MANUFACTURING CO., LTD., SOUTH CROYDON.

# Now Is The Time To Display

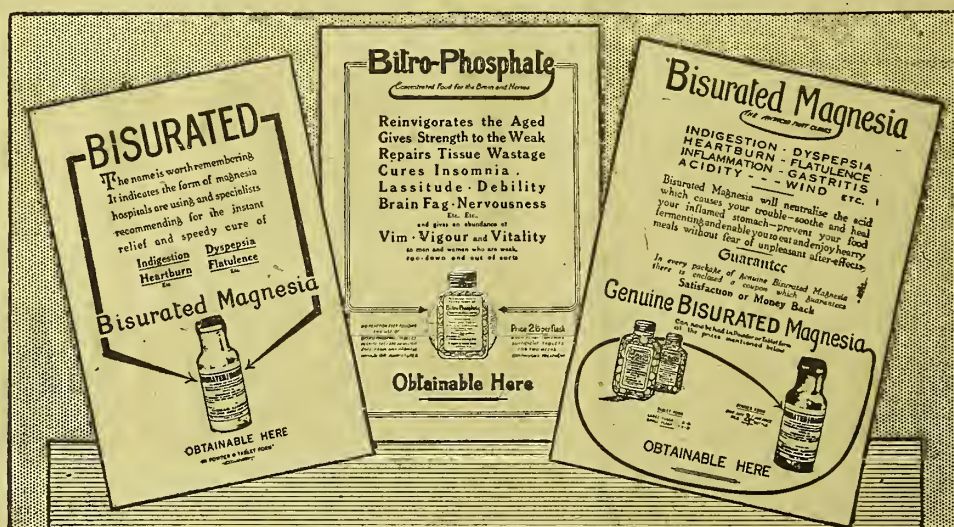
# BISURATED MAGNESIA

## AND

# BITRO-PHOSPHATE

We have succeeded in placing a large volume of advertising in connection with these two popular lines, and a display would enable you to secure your full share of the profitable business this advertising will create.

**Post Your Request for Showcards To-day**



## Free on Request

On request we will gladly send, free and carriage paid to any chemist, a supply of attractive two-colour Bisurated Magnesia and Bitro-Phosphate Showcards. . . . . Post your request to-day, stating number required, and the Showcards will be sent you by return, carefully packed and carriage paid.

Address:—

**The International Chemical Company, Limited,**  
**7, WYBERT STREET, MUNSTER SQUARE, LONDON, N.W.1.**

WE INVITE ENQUIRIES;  
FOR THE FOLLOWING:-

## SYNTHETIC OTTOS

"ZINYL" BRAND.

True Synthetic Products, and not merely Perfumes, made to a uniform concentration of, say, 40 or 50 times.

The Synthetic Otto of Neroli, "Zinyl" Brand, for instance, used in the proportion of  $\frac{3}{4}$  oz. to the gallon of Spirit, gives an excellent basis for Eau de Cologne, showing a concentration of 220 times.

The "Chemist and Druggist" recently described the Synthetic Otto of Violets "as distinctly the real thing," and it is the closest imitation of the natural flower we have met with.

FULL LIST ON APPLICATION.

*Licensed*  
*Compounders of Tinctures, Essences,*  
*Spirits, Perfumes, &c. in Bond.*

AWARDS.

LONDON, 1881. VIENNA, 1883. CALCUTTA, 1884. CHICAGO, 1893.

**H. E. STEVENSON & Co.,**  
122, GREAT SUFFOLK STREET, LONDON, S.E.1


TELEPHONE: 1831 HOP.

TELEGRAMS: "EKLIPS, LONDON."

CONTRACTORS TO HIS MAJESTY'S GOVERNMENT.

**"Newbery's"**  
FRANCIS NEWBERY & SONS LTD.

**No. 7**  
**Brillantine**



**A LA**  
**Violette**  
(inseparable)

A Ready and Constant Seller. Good Value to Customer and Good Margin of Profit to Retailer.

3-oz. Size ... 4/6 doz. net.  
6-oz. " ... 7/6 "

Customer's own Name & Address on orders for 6 doz. single or mixed sizes.

Charterhouse Square, LONDON, E.C.1.

**SUGAR OF MILK**

TRADE  MARK

MADE IN HOLLAND


**THE BEST IN THE WORLD.**

Always of the purest standard and corresponding with the requirements of any Pharmacopoeia.

**N. V. Hollandsche Melksuikerfabriek, Amsterdam.**

**SUPPORT HOME INDUSTRIES.**

Estd. 1777.



Incd. 1900.

**BUY**

**KENT'S**

**BRUSHES.**

Winter Issue, 1917, pp. 68, 69.  
Diary 1917, pp. 108, 109.



**ANTISEPTIC BABY POWDER**

MANUFACTURED BY

*Johnson & Johnson.*

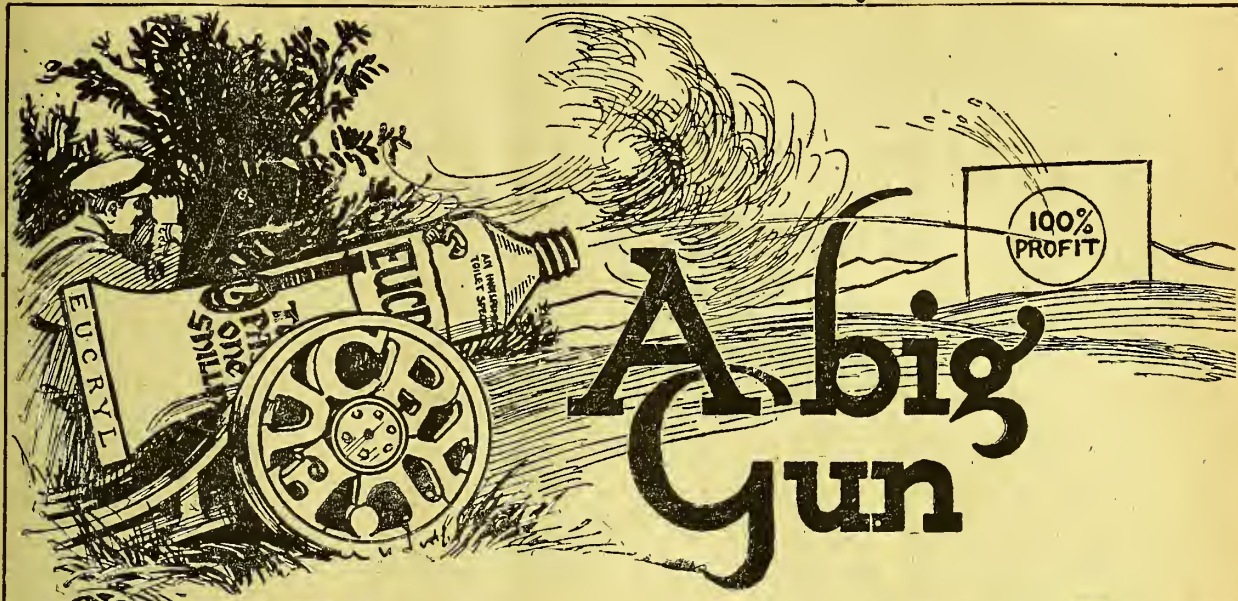
We wish to warn our Customers, so that they may be on their guard, that our package is being imitated. This step, which is so easy, is an undignified and shabby attempt to rob us of our goodwill.

**WARNING.**

The contents cannot be imitated, and the Trade Mark cannot be imitated; and we would ask those Customers who have handled this preparation for a quarter of a century, with every satisfaction to themselves and to their clients, to resent this method of copying other firms' productions by insisting on having the original package bearing the registered Trade Mark, which is the guarantee of quality.

**Look for the Name and Trade Mark**

JOHN TIMPSON & CO., Ltd.,  
104 Golden Lane,  
LONDON, E.C.



that hits the 100%  
profit mark with  
every sale. There  
is no filling-up-your-shelves-and-  
trusting-to-luck-sort-of-business  
when selling

## EUCRYL TOOTH PASTE

It hits the bull's-eye every time. Every customer you make will induce others to use this delightful paste. Recommendation means increased sales, and sales at 100% profit are what will pay your rent. Send us an order for a parcel of EUCRYL TOOTH PASTE, give it a prominent position on your counter and watch the pile diminish—it will surprise and gratify you, and 100% profit, remember, every time a tube is sold.

Fill in Coupon attached  
and make *real* profits.

**EUCRYL LIMITED**  
**61-63 LANT STREET,**  
**SOUTHWARK, S.E.1**

### COUPON

Please send 3 doz. 1/- tubes  
Eucryl Tooth Paste @ 8/- doz.  
nett, carriage paid, with 1 doz. free  
bonus.

To EUCRYL Ltd., Southwark, S.E. 1.

# PETROLEUM JELLIES

White, Yellow, Amber and Red.

*For Pharmaceutical and General Purposes.*

AMERICAN SPIRITS OF TURPENTINE,  
OLIVE, CASTOR, COLZA OILS,  
ROSIN, and LUX BLOOMLESS MINERAL OILS.

James Arnott & Sons, Ltd.

Newcastle-on-Tyne and Cardiff.



Non-Greasy, Non-Sticky, Infinitely Superior to Oily Creams, Washes, Foods, Powders, etc.

## OZONEA

Removes all Specks, Blotches, Roughness and Blemishes from the Skin, and imparts Nature's own youthful loveliness to face, neck and arms.

As refreshing, youth-renewing and beauty-reviving to the skin and complexion as is the lovely Sea-Breeze. OZONEA is positively guaranteed to be culled only from Nature's own Harmless Loveliness, and it imparts Nature's own Loveliness to the complexion.

To the Wholesale Trade.—OZONEA, a new invention of marvellous restorative power for faded and faded complexions, is being very extensively advertised in *The Lady, Queen, Lady's Pictorial, Lady's World, Sketch, Home Notes, Home Chat, Woman's Life, Everywoman, Bystander, People's Journal*, etc., etc., and a very large demand is certain—**BE READY!!!**

Trade Terms.—Advertised Retail Minimum, 2/6 per bottle (extremely attractive label). A wonderfully successful FACIAL MASSAGE INVENTION (for simple Home Treatment) for erasing Wrinkles, Crow's Feet, &c., and a charming booklet given FREE with each bottle. TRADE PRICE PER DOZEN BOTTLES 20/- (10% for Cash with Order). Monthly account strictly net.

EDWARD. CHRIMES, 40 Ship St., BRIGHTON.

Est. 1909. Regd. Tel. Address: "HENBANE, BRIGHTON."  
Bankers: Lloyds Bank Ltd., Brighton.

# S.V.M. RANDALL & SON,

Limited;  
Wholesale and  
Export Druggists,  
SOUTHAMPTON

Best Quality Only.

# **Important Notice!**

## ***ALTERATION of PRICES of EDWARDS' "HARLENE."***

Edwards' Harlene, Limited, Proprietors of "Harlene for the Hair," beg to announce that as and from

**MARCH 1, 1917,**

the Retail Prices of "Harlene" to the public will be advanced as follows:

1/-	size increased to	1/1½
2/6	„ „	2/9
4/6	„ „	4/9

The exceptional increase in the cost of ingredients used in the manufacture, also bottles, labour, &c., necessitates this step being taken.

### **NEW WHOLESALE TERMS:**

1/1½ size 12/6 per dozen.

2/9 „ 30/- „ „

4/9 „ 50/- „ „

*Less 20 per cent. Discount.*

Members of the trade are also requested to note that the minimum selling prices to the public will be as under:

**1/-, 2/5 and 4/-.**

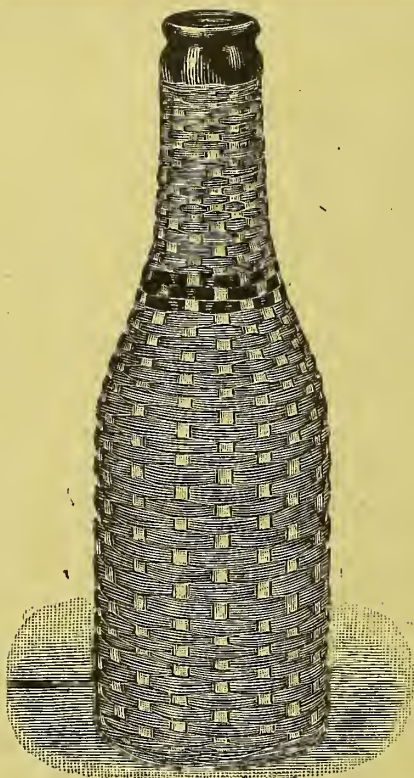
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## **EDWARDS' "HARLENE," LTD.**

**20, 22, 24, 26 Lamb's Conduit St., London, W.C.**

# Wickered Bottles

FOR THE TRADE.



We guarantee prices  
5 to 10% cheaper than  
invoice prices of any  
other firm in Britain.

*Styles and quotations on application.*

**RIVERS, HILL & CO., Ltd.**  
Broadstone, Dorset.

# No. 77 BRITISH Eau de Cologne



## In Square Bottles

2 oz.	...	11/- doz.
4 "	...	21/6 "
8 "	...	41/6 "

## In Wickered Bottles

½ pint	...	34/6 doz.
1 "	...	65/- "
2 "	...	122/- "

Write for Samples.  
Showcards supplied.



MANUFACTURED ONLY BY

**WILLIAM TOOGOOD, Ltd.,**  
77 Southwark Street, London, S.E.

## TINFOIL PURE TIN (Free from Lead).

All Thicknesses, Sizes, Shapes, and Designs  
for the Wrapping of

DRUGS, CHEMICALS,  
PLASTERS, BANDAGES,  
AND SANITARY APPLIANCES.  
BOTTLING FOILS.

SHAVING SOAPS FOILS  
(Designed and Perforated).

TOILET SOAPS FOILS,  
AND FOILS FOR COMPRESSED  
TABLETS OF FOODSTUFFS,  
DRUGS, PILLS, LOZENGES, &c.

CHOCOLATE (Embossed or Printed).

Also in REELS for WRAPPING MACHINES  
and

LEAD & COMPOSITION FOILS  
for special Chemical Wrapping.

**H. ERHARDT & CO. Ltd.**

9 & 10 Bond Court, Walbrook,  
LONDON, E.C.

Established 1870.      Telephones 383 and 384 City.  
Telegrams: "ERHARDT LONDON."

## Liquid Paraffin B.P.

## Petroleum Jelly

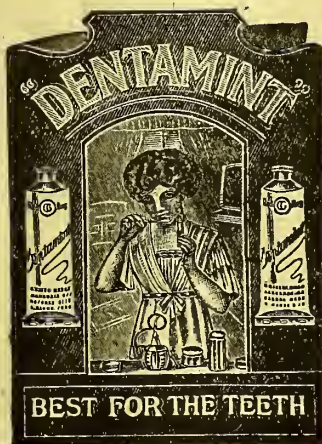
## White Oils

Half-White and Coloured Oils

**STERNS LTD.,**

Royal London House,  
FINSBURY SQUARE, LONDON, E.C.

# DENTAMINT



In neat tubes, packed in separate cartons as illustrated.  
Six cartons in an outer box which forms an attractive display.

Sample tube free.

SMALL size, 3/6 per dozen.

LARGE size, 5/- per dozen.

**CUXSON, GERRARD & CO., Ltd., Oldbury & Birmingham.**

# Profits For You

That's what you're in business for. Handle the line of Toilet Preparations which sells quickest and at the largest margin of profit.

## INGRAM'S OFFER.

1 Doz. Milkweed Cream ... ..	Retails for 2/- each	(2.00)	8/-
1 Doz. Velveola Souveraine (Face Powder) ..	" " 2/- "	(2.00)	8/-
1 Doz. Zodenta Paste ... ..	" " 1/- "	(1.00)	4/-
1 Doz. Rouge., ... ..	" " 2/- "	(1.00)	4/-
1 Doz. Perfume, 1 oz. ass't. in fancy packages ..	" " 4/- "	(4.00)	16/-
		<b>10.00</b>	<b>£2</b>

Delivered prepaid Parcel Post. We will send advertising matter and samples packed with the goods.

Send us with your order the names of 100 of your lady customers, and we will mail each of them a handsome folder, asking them to call at your store and get free our Guest Room Package, containing one each of the above in sample sizes, including perfume.

If more convenient to you, specify shipments from our Canadian Branch.

### FREDERICK F. INGRAM CO.

(ESTABLISHED 1885)

411 Lafayette Blvd. W., DETROIT, U.S.A.

CANADIAN BRANCH: WINDSOR, ONT.



Twenty-five years continuous advertising has made this trademark known wherever American and Canadian publications are read.

## Two of the World's Face Powders.

POPULAR  
EVERYWHERE.

### BOURJOIS'

Eyebrow Pencils,  
Rouges, Perfumes,  
Soaps, etc.,

always command a ready sale.



Bourjois' Java Powder.

Price 9/5 doz.; 12 doz. 8/10. P.A.T.A. 1/- per box.



Bourjois' Poudre Manon Lescaut.

Price 25/1 per doz. P.A.T.A. 2/9 per box.

## SOLID FACE POWDER (Poudre Compacte)

BOURJOIS of PARIS is the POWDER HOUSE.

Our Solid Powder, with Puff, No. 65, IS THE BEST.

Made in Seven Tints. Rose, Naturelle, Rachel, Blanche, Rosette Brun, Ocree, and Mauve. 7/7 per doz.

DO NOT BE MISLED BY BUYING CHEAP AND WORTHLESS IMITATIONS OF THIS ARTICLE.

HENRY C. QUELCH & CO., 4 & 5 Ludgate Square, LONDON, E.C. 4.

**BAISS BROTHERS****& Company, Ltd.**

Established 1833.

**SURGICAL  
INSTRUMENTS  
AND  
HOSPITAL FURNITURE.**

**DRESSINGS.**

**STERILISERS FOR  
DRESSINGS AND  
INSTRUMENTS.**

**WATER BEDS,  
AIR CUSHIONS AND  
ENEMAS.**

**DISPENSING SCALES  
AND WEIGHING  
MACHINES.**

**SURGEONS' AND  
MIDWIVES' BAGS.**

**VETERINARY  
INSTRUMENTS,  
ETC.**

## To our Friends at Home and Abroad

In order to fill promptly the requirements of our friends, and to cope with our greatly increased business, we have

- (a) Considerably added to our premises,
- (b) Re-organised our staff; and
- (c) Trebled the output of our manufacturing laboratories.

We trust buyers will avail themselves of these facilities for the proper execution of their orders.

**FINE CHEMICALS  
OF ALL DESCRIPTIONS.**

**STANDARDISED  
TINCTURES AND  
EXTRACTS.**

**CONCENTRATED  
INFUSIONS AND  
DECOCTIONS.**

**DISINFECTANTS.**

**POWDERED DRUGS,  
STANDARDISED.**

**PILLS AND  
COMPRESSED TABLETS.**

**CONCENTRATED  
SOLUBLE ESSENCES.**

**CHEMISTS'  
PACKED SPECIALITIES.**

**EMULSION OF  
COD LIVER OIL,  
ETC.**

PRICE LISTS IN VARIOUS LANGUAGES.

# BAISS BROTHERS & COMPANY, Ltd.

*Wholesale and Export Druggists, Manufacturing Chemists and Makers of Surgical Instruments,*

Contractors to His Majesty's Government; the Crown Agents for the Colonies; various Foreign Governments; and the principal Hospitals and Institutions at Home and Abroad.

**174, 175, 176 GRANGE ROAD, BERMONDSEY, LONDON, S.E.**

Drug and Herb Farm: CARSHALTON, SURREY

Drug Mills: Grange Works, BERMONDSEY.

# NEW PRICE LIST.

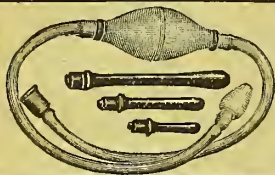
## Proprietary Articles, etc.

If not already received, one will be sent to you upon application, by

**W. EDWARDS & SON,**  
157 Queen Victoria Street, London, E.C. 4.

Telephone:  
Central 5698, & Bank 285.

Telegraphic Address:  
"Medicines, Cent, London."



Indisputably the best value on the British Market.

**"Premier" Brand** Enemas, Seamless Rubber Surgical Goods, etc.

PREMIER DRUG Co., Ltd., 29 Cannon Street, MANCHESTER.

**ALL CHEMISTS  
SHOULD STOCK**

**ABDINE**

**THE GOLD MEDAL FRUIT DRINK.**

Quick Seller. Big Profits. Quarter of a Century's Reputation.  
"ABDINE" is the most popular Health Drink. Superior to all Mineral Waters. Sold in Packets, 2 for 2½d.; Boxes of 13 Packets 1/3.  
Order through your Wholesale Drug House.  
D. M'GLASHAN, M.P.S., Abdine Works, Westfield Road, EDINBURGH.  
Wholesale Prices on Application.

Headquarters **Photographics**  
for

Chemists should write us for PRICE LIST and full particulars of all Photo requisites.

**W. BUTCHER & SONS, Ltd.** CAMERA HOUSE, FARRINGTON AV., E.C.

We can supply spot or at short notice  
**SALICYLIC ACID B.P.**  
BEST ENGLISH XTLS

In parcels of 1 cwt. to 1 ton.  
Trafalgar Buildings,  
The Central Export Bureau, One Charing X; W.C.2

**FINEST QUALITY  
MILK POWDER. CASEIN.**

*Inquiries and Orders Solicited.*

**PRIDEAUX'S LTD., DEPT. C, MOTCOMBE, DORSET**  
LONDON OFFICE:  
10 HOP EXCHANGE, Southwark Street, S.E.

**Do You Sell  
Sister Luras Food?**



The question is often asked nowadays.  
The Chemist who does not stock Sister Luras Food is missing a good line.

Sister Luras Food is achieving great success as a preparation for weakly babies and for invalids and the aged.

It makes milk digestible and is invaluable in cases of malnutrition.

It is a thoroughly reliable line and one that brings a handsome return.

Price 1/- & 2/6 per tin.

Samples and advertising matter free on application.

**SISTER LAURAS INFANT FOOD CO., Ltd., 156 Vincent Street, GLASGOW.**

**HONEY HONEY**

**"JOYBELLS" HONEY.**

The choicest and most delicious honey procurable. Screw-top Glass Jars, 15/- and 9/- per dozen. "Joybells" Honey in Red Earthenware Pots, 14/- per dozen; in bulk, 1/1½ per lb. Tins charged and returnable.

*The Institute of Hygiene states:* "We are satisfied that 'Joybells' Honey is a genuine product, possesses the distinctive flavour imparted to bee honey, and is a most pleasant & wholesome article for general table use."

**"SUMMERLAND" HONEY.**

Equals that usually sold as Finest Clover Honey. Screw-top Glass Jars, 14/6 and 8/3 per dozen. In bulk, 1/1½ per lb.

**"SWEET FLOWER BELL" HONEY.**

Fine quality. Tie-over Red Terra-Cotta Pots, 13/- per dozen. In bulk, 1/1 per lb.

**BEEWAX.** Choice quality 2/6 per lb.; 1-oz. Moulds 2/- per dozen. Samples 3d.

**Standard Health Food Co.** (With which is incorporated The Berkshire Honey Co.)  
Honey Specialists - - - READING, BERKS.

# SAVE 3/- PER GALLON BY BUYING GUARANTEED GENUINE NEWFOUNDLAND NON-FREEZING MEDICINAL COD LIVER OIL OF NEW SEASON'S MAKE.

Highest possible quality in smell, taste and colour, comparing most favourably with the finest Norwegian. Manufactured from the finest fresh Cod Liver on same day as fish caught.

**WHOLESALE ONLY.**

*Kindly write for sample to*

**JOB BROS., Manufacturers, Tower Building, LIVERPOOL.**

Telegraphic Address: "JOB LIVERPOOL."

Tel. 1039 CENTRAL.

And of ST. JOHN'S, N.F.

Established 1780.

## A. MILLAR & CO., LTD., DUBLIN PURE ORANGE WINE

(VINUM AURANTII B.P.)

Prepared in strict accordance with the Formula of the British Pharmacopœia.

(Wholesale only)

London Agent: JAMES STIRTON, 43 GREAT TOWER STREET, E.C.

### THE BOMBAY AGENTS' COMPANY,

170 HORNBY ROAD, BOMBAY,

with established Offices in Calcutta and Colombo, are open to accept further sole agencies for India and Ceylon. This Company is owned by a well-known European, who has exceedingly good connections all over India.

Manufacturers of Patent and Proprietary Articles, Chemicals, Drugs and Galenicals, cannot obtain better representation in India than that now offered.

CORRESPONDENCE INVITED.

### LIGHTNING CONDUCTOR

"We'll show you the way to make sales. Give us an opportunity. A stamped addressed envelope is all we want. It will repay you."

**NI-VERRE CHEMICAL COMPANY,**  
5 to 7 Ormeau Avenue, BELFAST (Ireland).

### EUCALYPTUS OIL (RECTIFIED).

Eucalyptol Content	...	...	70/80 %
Optical Rotation	...	...	0 to +
Specific Gravity	...	...	919 to '928

Also utely Free from Phellandrene.

Quotations by cable. Wholesale Trade only.

### BURNSIDE & COMPANY

Eucalyptus Oil Distillers,

**VICTORIA, AUSTRALIA.**

New Postal Address—Cables—"Burnside Company,  
439 Flinders Lane, Melbourne. Melbourne."

### DISPENSING BOTTLES & PHIALS.

GLASS BLUE TINTED, plain or graduated.  
3 and 4 ounce. 12 ounce. 6 and 8 ounce.

WHITE PHIALS, plain or teaspoons.  
1 ounce. 1 1/2 ounce. 1

Lowest  
Market  
Prices  
Charged.

BLUE LOTION BOTTLES, all sizes.

CORKS. Superior quality. No advance in price.

6 and 8 ounce ... 1s. per gross, in 5 gross bags.  
Vials ... 10d. per gross, in 5 gross bags.

Delivered free within 7 miles, and to certain stations. Particulars on application.

### I. ISAACS & CO., Glass Bottle Manufacturers,

106 Midland Road, St. Pancras, London, N.W. 1,  
or ISLINGTON BOTTLE COMPANY.

7 New Inn Yard, Tottenham Court Road, London, W. 1.  
Orders sent to either establishment have attention.

Established 100 years.

Bankers: London County and Westminster Bank, Bloomsbury Branch.

**'GOLD CROSS'**

BRAND



INDICATES

**SURGICAL DRESSINGS**

OF

**STERLING QUALITY**

MANUFACTURED BY

**SEABURY & JOHNSON**



ISSUED IN GREAT BRITAIN AND COLONIES BY

FASSETT & JOHNSON, Ltd., 86 Clerkenwell Road, London, E.C.

# A DISPENSING QUERY

"Is this bottle of medicine  
made up correctly?  
It looks different from the last."

An awkward question which is sometimes asked concerning bismuth mixtures.

A difficult question to answer, when the one who asks it is ignorant of pharmacy.

A serious question for the pharmacist, because it casts a doubt upon the dispenser's accuracy and means that the customer's confidence is shaken.

That fresh supply of Bismuth Carb. or Subnit. was to blame. It differed from the last in density.

Safeguard your reputation for  
accurate dispensing by using

**'WELLCOME'** BRAND  
(Trade Mark)



” **Bismuth Carbonate and**  
” **Bismuth Subnitrate**

which are uniformly light, constant in ratio of volume to weight, and are of exceptional and uniform purity.

*Write for quotations*



**BURROUGHS WELLCOME & CO., LONDON**

# ASPIRIN TABLETS.

Each tablet guaranteed to contain 5 grs. pure Aspirin B.P.

**25's, 6/6 per doz. ; 100's, 23/- per doz. ; 1000, 17/-**

*Prompt delivery with name and address. A selection of 20 varieties of Labels to choose from.*

**H. & T. KIRBY & CO., LTD.** { Write—Belton Road, Willesden Green, LONDON.  
Wire—Kirby, Limited, Willroad, London.  
Phone—Willesden 1412.

The *Lancet* describes it as

"Mr. Bengers' admirable preparation."

**FOOD FOR INFANTS**



Wholesale of all Wholesale Houses and Shippers  
or from the Manufacturers

**BENGER'S FOOD LTD., Otter Works, MANCHESTER, Eng.**

Branch Offices at: 117 Pitt St., Sydney, Australia; 90 Beekman St., New York, U.S.A.  
Canadian Agents: The National Drug and Chemical Co., Ltd., Montreal & Branches.  
**ON THE P.A.T.A.**

The *British Medical Journal* says:

"Benger's Food has by its excellence established a reputation of its own."

**INVALIDS AND THE AGED.**

**"T.M."**

IS PUT UP

in handsome Oval Aluminium coloured tins, with a hasp lid, surmounted with a chaste design in "Northern" blue. One dozen of these are shown in a decorative easel-backed counter display container, fit to grace the display case or the counter of the most fastidious customer.

PER DOZ.

**5/-**

**YOU ARE SAFE IN SELLING**

**"T.M."**

**FROZEN BRILLANTINE**

on account of the supreme qualities of this Hair Dressing, and its undoubted efficiency, likewise because it's so well put up that it entails no effort to sell, and also because it gives you such a generous P.A.T.A. Profit. T.M. Brillantine is to be seen almost everywhere, and wherever it is shown on the counters sales are immediate. Why not try a small parcel? It is a safe and most remunerative investment.

YOU CAN GET IT AT

**CHRISTY'S,**

**OLD SWAN**

**LANE, E.C. 4.**

**"T.M."**

WHEN BOUGHT

in 6 dozen lots, in consideration of your showing same prominently, carries with it a dozen tins free, gratis, and for nothing. This makes the already liberal P.A.T.A. Profit even more worth while. This quantity is about the regular requirement of the average buyer.

**9<sup>D.</sup>**  
PER TIN



A Weekly Journal of Pharmacy and of the Chemical and Drug Trades.  
ESTABLISHED 1859.

THE CHEMIST AND DRUGGIST is in circulation and reputation the leading journal addressing the Chemical and Drug trades in the British Empire and other countries in the Old and New Worlds. It is the official Journal of many Chemists' Societies in Australia, Ireland, New Zealand, South Africa, and the West Indies.

#### SUBSCRIPTION RATES.

Twelve Shillings and Sixpence a year in advance, post free to any part of the world, including a copy of *The Chemist and Druggist Diary* next published. Subscriptions may begin any month. Single Copy, 6d.; Summer or Winter Number, 1s.; *Diary* 3s. 6d. Postal orders and cheques to be crossed "Martin's Bank (Limited)."

Prix de l'abonnement annuel: le journal une fois par semaine, et l'agenda une fois par an, 12s. 6d., franco.

Подписная цена на еженедельный журнал с приложением Годового Дневника—12 шиллингов 6 пенсов на год с пересылкой.

Precio de suscripción anual: el periódico una vez por semana, y el agenda una vez por año 12 ch. y 6 peniques, franco.

Terms for advertising in THE CHEMIST AND DRUGGIST can be obtained on application to the Publisher at the

Head Office: 42 CANNON STREET, LONDON, E.C. 4.

Telegrams: "Chemicus. Cannon, London." Telephone 3617 Central (three lines).

Branches: ADELAIDE, MELBOURNE, AND SYDNEY, AUST.

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## Coming Events.

This section of the "C. & D." is reserved for advance notices of meetings or other events. These should be received by Wednesday of the week before the meetings, etc., occur.

#### Sunday, May 27.

Pharmacists' Volunteer Corps, Imperial College Union, at 10 A.M. Parade. On Monday (May 28) there will be a parade at the same time, and on Wednesday and Thursday (May 30 and 31) at 3 P.M.

#### Tuesday, May 29.

Hull Pharmacists' Association. Lecture by the Rev. J. Baggott on "The Factors which Determine Sex in the Human Embryo."

#### Wednesday, May 30.

Drug Trade Appeal Fund, St. Bride Institute, Ludgate Circus, London, E.C. 4, at 3 P.M. Meeting of subscribers and election of a trustee.

HOPS.—An Order in Council was issued on May 19 limiting the acreage of hops to be cropped this year to one-half of the acreage of each holding so cultivated in June, 1914.

THE TITLE CHEMIST.—Dr. M. O. Forster, at a recent meeting of the Manchester Textile Institute, gave as one reason why chemistry has been neglected is that it does not appeal to the imagination as engineering does. The only conception which the general public has of chemistry is that it is associated with the retail drug-trade. The Pharmaceutical Society ought to be approached and respectfully asked to drop the title chemist. Then they would have to approach those manufacturing druggists who called themselves "cash chemists," an abominable expression.

## European War News.

#### Import and Export Notices.

FRANCE.—It is announced by the Board of Trade that, with effect from June 1, the licensing of imports of prohibited articles of French origin at the Board of Trade Office, No. 10 Place Edouard VII., Paris, will be discontinued. Licences for such goods will be issued, beginning from June 15, at the Import Restrictions Office, 22 Carlisle Place, Westminster, S.W. 1. All licences issued by the Paris Office before June 1 will be available up to June 30.—Liquid and solid glucose, nickel salts, and syrups have been prohibited from exportation, subject to the granting of licences by the Ministry of Finance.

UNITED KINGDOM.—The Controller of Oils and Fats intimates that, for the present, he is not recommending the issue of War Trade Department export licences for (1) any kinds of the scheduled seeds, nuts, or kernels; (2) for any kind of scheduled oils or fats. (Exception: Small quantities of raw and boiled linseed oil only will be considered.) The Controller is prepared to recommend the issue of licences by the War Trade Department for reasonable quantities of fatty acids made from whale and linseed oils only.

#### Seeds, Oils, and Fats.

With reference to the Orders of the Minister of Munitions made and published on May 1 and May 9, 1917, restricting dealings in seeds, oils, and fats, the Minister of Munitions gives notice that the expression "ex ship" and all other expressions used in the said Orders and the schedules thereto are to be interpreted in accordance with recognised trade or port customs or usages; and, further, that the Orders do not, by fixing maximum prices for dealings in such articles or any of them, prohibit either the observance of recognised trade or port customs or usages with regard to dealings therein, or the incorporation in any contract for sale or purchase at the maximum price of any terms and conditions as to arriving at weights, allowances for ullage, etc., which it is customary to incorporate in contracts for the sale or purchase of such article, and in particular do not prohibit the use, for dealings in any article at the maximum price, of any recognised trade Association form of contract for dealings in such articles.

#### Personalia.

PRIVATE WILLIAM BARKER, of the West Yorkshire Regiment, a former employé of Wharham & Co., wholesale chemists, Vicar Lane, Leeds, is wounded and in hospital at Sheffield.

PRIVATE ERIC PITTS, Winnipeg Rifles, who is listed among the wounded, was, prior to emigrating to Canada about four years ago, employed as a chemist's assistant with Mr. H. N. Haigh, of Bingley.

TEMPORARY LIEUTENANT H. H. BERLANDINA, of the Royal Engineers, has been mentioned in Sir Douglas Haig's despatches. He is connected with Berlandina Bros. & Co., Ltd., 124-127 Minories, London, E. 1.

PRIVATE FRANK GAZE, H.A.C., brother, and formerly assistant to Mr. W. E. Gaze, pharmacist, Highams Park, and Mr. J. E. Gaze, pharmacist, Cheshunt, is in hospital at Portsmouth suffering from wounds received in France.

SERGEANT F. BALL, of the Scottish Rifles, brother of Mr. Ball, pharmacist, of Lytham Road, Blackpool, has been severely wounded in France. He was shot through the left lung by machine-gun fire, two of his ribs being also broken.

MR. DAVID BOYD, Ph.C. (D. Boyd & Co.), Donegall Square North, Belfast, has received a telegram from the War Office that his son, Second-Lieutenant D. T. Boyd (Cameronians), is missing. Second-Lieutenant Boyd was in the pharmacy business with his father until he enlisted.

SECOND-LIEUTENANT ARNOLD METCALF, second son of Mr. R. A. Metcalf, pharmacist, King's Lynn, has been severely wounded in France. He was mentioned in despatches while serving with the Naval Brigade at Gallipoli. For two and a-half years he has been on active service, and during all that time has not been home on leave. His elder brother was wounded in the battle of Festubert.

LANCE-CORPORAL JOSEPH BUTLER, formerly chemist's assistant at Castle Street, Cahir, co. Tipperary, and brother-in-law to Mr. T. J. Lynch, Ph.C., Cahir, has returned to his native town for a short holiday, after being discharged from Keighley Hospital suffering from a bullet-wound in the right arm. His many friends in the drug-trade will be pleased to hear he was given the parchment of the Irish Brigade for gallant conduct and devotion to duty in the field on April 5, 1917.

## The Flavine Patent.

THE hearing of the applications for licences to use Cassella's patent No. 24652 of 1910 was resumed at the Patent Office Court on May 24, before the Comptroller-General (Mr. W. Temple Franks) and Sir Cornelius Dalton. The previous hearing was reported in our issue of May 19 (p. 40). On this occasion Mr. Colefax, K.C., and Mr. Ellis were representing Levinstein, Ltd.; Mr. McKenna appeared as before on behalf of Boots, Ltd.; Mr. Armstrong was for May & Baker, Ltd., and also Thos. Kerfoot & Co., of Bardsley Vale, Manchester. Mr. Ransford again represented the patentees.

The Comptroller first of all pointed out that it had been decided (as he stated last week) that it was inadvisable to grant licences unless the article were manufactured under one name to be selected by the Board of Trade.

Mr. Colefax suggested "Septoflavine," but he understood that Mr. McKenna had another suggestion. His clients would, of course, abide by any decision the Board might come to.

Mr. McKenna argued that as there is no large commercial goodwill in flavine the royalty should be quite nominal. It is difficult in these early stages to say what the cost of manufacture is, but he suggested a small percentage on the wholesale price. It is clear, however, that the article cannot bear a cheap sale; it will cost at least several shillings an ounce. It might, of course, be possible to manufacture intermediary or by products. As regards the suspension or avoidance of the trade-mark, he would bring evidence to show that the word "Trypaflavin" had been used commercially to identify the article which is the subject of the patent. This was a report taken from a German paper of a presentation to Dr. Paul Ehrlich on his sixtieth birthday. In congratulating Dr. Ehrlich on his achievements, "Trypaflavin" is mentioned three times as indicating the patented article under consideration. He (Mr. McKenna) suggested that a good general name for the product would be "Acriflavine," and that the mark "Trypaflavin" should either be suspended or preferably avoided altogether. Furthermore, he said it would be unfair to allow anyone to take out a trade-mark containing the word "flavine," but he did not suggest that the "Trypaflavin" mark should be avoided in anyone's favour.

Mr. Colefax argued that the proper course would be to avoid registration, and the question of the name should be settled by those who manufacture the article. There would be no objection, he took it, to saying "Arvalin" brand trypaflavin until such time as a general name was decided upon. He added that the Medical Research Committee had treated his clients with scant courtesy in this matter. The suggestion had actually been made that Levinstein, Ltd., are seeking to obtain an undue advantage by what has transpired. He desired to make it known that his clients, in supplying flavine free of charge for patriotic reasons, were merely responding to requests from the War Office, backed by Mr. Anderson, of the National Health Insurance Commission. He thought a fair royalty would be 2½ per cent. on the wholesale price.

Mr. F. Carr (from the laboratory of Boots, Ltd.) gave evidence that he had manufactured the substance under the process described in the patent, and he handed in a sample. His company is prepared to manufacture in considerable quantity, but seeing that the use of flavine as a wound-dressing is largely a British discovery, he thought 1 per cent. on the selling-price would be a fair royalty.

Dr. Reynolds (Jeyes' Sanitary Compounds Co., Ltd.) gave further evidence of the use of the word "Trypaflavin" in both German and English literature.

Dr. Browning, to whose research is due the discovery of the antiseptic properties of flavine, was then examined by the Comptroller, after which

Mr. Armstrong put the case for his clients.

Mr. Ransford, arguing for the retention of the mark "Trypaflavin," said no harm would be done to anyone, as the antiseptic is known as "Flavine," and any goodwill made by the applicants would not be prejudiced, as their product would be "Acriflavine." The suggestion of a royalty of 1 per cent. on the wholesale price was absurd.

The Comptroller indicated that they would have no hesitation in recommending licences to all those who had applied on the condition that the name should be a name approved by the Board of Trade. Another condition would be that any other substance made under the same process should only be sold under a name approved by the Board of Trade. There are likewise strong grounds, he said, for putting the royalty at a low rate, seeing that the whole value of the discovery is not due to the patentees.

## English and Welsh News.

The Editor would be obliged if subscribers would send him marked copies of newspapers containing items of interest for insertion in this or other news sections of the "C. & D."

### Liverpool.

Mr. L. Moreton Parry is recuperating in Wales.

The Pharmacists' Training Corps is about to enter upon a course of bacteriological instruction, to be given by a University of Liverpool lecturer. The course will be open to all pharmacists and students.

The result of the Pharmaceutical Council election was eagerly awaited and much discussed. The Liverpool Chemists' Association had not formally debated the merits of the candidates, and a solid vote could not be secured. However, the high place on the poll occupied by Mr. Rymer Young indicated local appreciation of his fine speech on behalf of the Benevolent Fund at the smoking-concert, which yielded a record subscription.

The David Lewis Hospital theatre was filled on May 19 by an audience of about 1,000, who keenly enjoyed the musical and dramatic entertainment given by the staff of Ayrton, Saunders & Co., Ltd. The proceeds, which are estimated at 50%, were in aid of the Fazakerley Rest Room for Wounded Soldiers and the Liverpool War-dressings Association. The Chairman (Mr. W. H. Saunders) commended the objects of the entertainment, and the promoters were thanked by Mrs. Ernest Taylor on behalf of the Home of Rest, and by Mrs. Yates for the War-dressings Association. The entire programme was sustained by members of the staff.

The loss sustained to pharmacy by the passing of Mr. Peter MacEwan is deplored by the wholesale and retail trade throughout the city and district. Dr. Charles Symes, locally the *doyen* of the profession, remarked, "Mr. MacEwan was a good man and straight," and in thus saying he voiced the general feeling. Always ready to hearken to a Liverpool appeal, Mr. MacEwan last revisited the city on June 4, 1913, when he was one of the guests specially invited to the dinner given to Dr. Symes on the occasion of the latter's retirement from the Pharmaceutical Council after thirty-three years' service. Mr. MacEwan's letter thanking the Liverpool Chemists' Association for a cordial reception at the dinner was entered on the minutes, and he was elected an hon. member of a pioneer Association in which he had long taken great interest. His practical recognition of the Liverpool Price-list was highly appreciated.

### Manchester.

Now there is a spell of warmer weather, the trade in sulphur tablets, health salines, and spring remedies is decidedly brisker, but the demand for photographic films, plates, and papers, in spite of the greatly increased prices, is the surprising feature of the change in the weather.

Several Manchester pharmacists are contemplating taking a few days' holiday during Whit-week. Under war conditions the holiday does not seem like the old style of "Manchester's Whit-week Vacation," which was always a puzzle to visitors from Southern parts of the country. They could never understand the huge processions of 20,000 to 30,000 children and grown-ups on Whit Monday and Whit Friday, nearly all warehouses being closed for the week, except on Whit Tuesday. Now all this is suspended *sine die*, and most of the local pharmacists, like the rest of the community, must work on.

The Royal visit to Manchester and Salford on May 15-16, when the King and Queen paid informal visits to the hives of industry (the munition-works) and various hospitals, and inspected troops and Volunteers, provided an excellent opportunity of showing the interest their Majesties take in the work and welfare of the people who are working so hard for the national cause. There were present on parade many pharmacists who take a lively interest in the Volunteer movement, and others who are special constables were seen on duty on the route of the procession. Mr. John Cleworth, with a special military permit, was enabled to take photographs of their Majesties in Albert Square and at Heaton Park. He has since placed a large series of photographs in his window, showing the result of two busy days' work.

### Sheffield.

The scheduling of diachylon will not make much difference to local chemists, as they for some time have refrained from selling it in the ordinary way. The great evil has been made possible by the sales by unqualified drug-vendors. Years ago the local Society recommended that diachylon should be scheduled.

The idea of having special exhibitions of window-displays is growing. Horlick's have been giving special attention to the Sheffield district, and now Sanatogen and Formamint are having special window-displays arranged by a professional window-dresser. The proprietors of these goods have been fortunate in securing the Glossop Road windows of Eardley & Furnivals.

There is some doubt in the minds of chemists as to how the Insurance accounts stand for 1916. The 0.3d. payment just made closes the accounts, with the exception of a small balance owing to the chemist of the difference of the amount deducted for the Pharmaceutical Committee's expenses and the amount actually spent. The 0.3d. extra payment for establishment-charges has been priced on each prescription as presented during 1917.

Mr. H. Antcliffe, at the recent meeting in Rotherham of the South Yorkshire Branch of the National Poor-law Officers' Association, moved a resolution referring to the proposed creation of a Ministry of Public Health. The resolution, which was carried unanimously, states that the Branch views with very great concern any scheme which would remove the medical treatment of the poor from the direct control of Boards of Guardians, and requests the National Executive to take the necessary steps to safeguard these interests.

#### Miscellaneous.

**BRIGHT LIGHTS.**—Mr. A. Course, manager of Peck & Son's pharmacy, Victoria Road, Cambridge, was this week fined 5s. for failing adequately to shade an electric light.

**BACTERIOLOGY CLASSES.**—Mr. Benson Harries, President of the Newport Pharmaceutical Association, is in negotiation with Dr. Holland, Principal of the Newport Technical Institute, regarding classes for microbiology for pharmacists.

**MISAPPLIED SCIENCE.**—A Westminster tradesman, named Cohen, was on May 19 sent to prison for three months for tampering with military passes. He erased dates on these documents by means of a chemical ink-eradicator, and so enabled the holders to put in later dates.

**THEY KNEW ITS VALUE.**—At a charity sale in aid of the funds of the King's Cross Philanthropic Society, held at 10 Soho Square, London, W., on May 17, three 8-oz. bottles of "K.C." eau-de-cologne, manufactured by Morgan Bros., King's Cross, sold for the record price of 4l. 16s.

**FIRE.**—A fire occurred on the evening of May 15 at the drug-stores of Mr. William Joseph Richards, at Waterloo Road, Cobridge, Burslem. The shop and store-room were well alight when the brigade arrived, and the bottom part of the premises was gutted, the upper storey not being involved.

**POTATO-SPRAYING.**—Referring to the previous note on this subject (*C. & D.*, April 23, p. 34), the President of the Local Government Board has sanctioned the supply of spraying-machines, with chemicals, by public bodies, on hire to small-holders and cottagers. Applications have to be made to the Food Production Department of the Board of Agriculture, 72 Victoria Street, London, S.W. 1.

**WHITSUN HOLIDAYS.**—Last year these holidays were postponed owing to exceptional circumstances, but this year it has been decided that there shall be no interference with the holidays usually held at this time, unless in those cases where Government work must be pushed forward without delay. Inquiries we have made show that most of the wholesale houses will be closed on Bank Holiday, and in some cases special arrangements have been made for emergency orders.

**POISONINGS.**—The deaths from poisonings reported during the week include the following: a Councillor Wheatley, Hull, formerly in the drug-trade, committed suicide with potassium cyanide which he had obtained from Lofthouse & Saltmer for the purpose of cleaning silver.—Leonard Highley, Halifax, drank ammonia in mistake for fluid magnesia, with fatal results.—At Badminton, Mrs. Butler, commandant of the Military Hospital, died from septic pneumonia, accelerated by taking oxalic acid.—Three more cases have occurred of poisoning from eating rhubarb-leaves, oxalic acid or a soluble oxalate being the cause of death.

**THEFT CHARGES.**—Before Judge Atherley Jones, at the Central Criminal Court, on May 18, Sidney Joseph Toms (22) was convicted of stealing forty-two parcels of drugs and patent medicines, the property of W. Edwards & Son, Queen Victoria Street, London, E.C. On March 6 the accused was engaged as a carman to collect 148 parcels to take to different railway stations for consignment to customers of the prosecutors in various parts of the country. Six of the parcels were delivered, but prisoner disappeared with the horse and van and the remaining parcels, which were valued at 114l. 16s. 6d. Subsequently

the empty van and horse were found by the police abandoned in a street off the Old Kent Road. On arrest, on board ship at the Surrey Commercial Docks, prisoner said, in reply to the charge, "I have had no share in the proceeds. I have not seen the other man since." Prisoner was sentenced to three months' hard labour.—At Otley last week, Mary Mackenzie, a young woman, was sentenced to four months' imprisonment for stealing goods valued at 21l. 1s. 4d. from Mr. J. Hamond, Ph.C., Otley.

**SPECIAL CONSTABULARY AMBULANCE.**—Referring to the appeal for funds towards this object (*C. & D.*, April 23, p. 34), Mr. William F. Freeman, M.S.C., managing director of Freeman's Chlorodyne, Ltd., collected, by the aid of 450 personal letters, the sum of 85l. (principally from the drug-trade), and he desires to thank all those who supported his appeal. Among the subscribers to Mr. Freeman's list were the following: Lieut.-Col. W. T. Reay, I.G.D. (Commandant M.S.C.), American Commerce Co., Ltd., Angier Chemical Co., Ltd., G. Atherton & Co., Chas. Baker & Co., Barthes, Roberts, Ltd., Thomas Beecham, M. Beetham & Son, Blyton, Astley & Co., John Bond (London), Ltd., T. F. Bristow & Co., Henry W. Bush & Co., Ltd., E. Cook & Co., Ltd., D.D.D. Co., Ltd., Daisy, Ltd., John Dowell & Sons, Ltd., Dutton, Massey & Co., Mr. James Eade (Eade's gout-pills), J. C. Eno, Ltd., Falconer & Co., Ltd., Fassett & Johnson, Ltd., F. Fink & Co., C. & E. Fulford, Ltd., Gannett Trading Co., Thomas Holloway, Dr. J. Hooper's Female Pill Co., Ltd., John Jackson & Co. (Mitham Road), Ltd., J. Morgan Jones & Co., Daniel Judson & Son, C. & G. Kearsley, Kolynos Incorporated, D. J. Little Co., Machin & Kingsley, Wm. Mather, Ltd., Parkin, Ness & Co., Potter & Clarke, Ltd., G. Prince & Co., Prosser, Roberts & Co., Mr. W. J. Rendell, Mr. R. J. Reuter, Wm. S. Rice, Ltd., Ridge's Food Co., Scholefield, Goodman & Sons, Ltd., Sharland & Co., Wm. Stevens, Ltd., St. Clement's Press, Ltd., Sutton, Carden & Co., Ltd., F. & A. Swanzy, Ltd., Throatlets, Ltd., R. T. Turnbull & Co., Mr. H. A. Wanklyn, Welch & Horner, and G. Whelpton & Son, Ltd.

## Irish News.

#### Brevities.

The portrait given here is of Second-Lieutenant J. F. Addy, the King's Shropshire Light Infantry, upon whom has been conferred the Military Cross for conspicuous bravery (see *C. & D.*, May 19, p. 34).

At the Southern Police Court, Dublin, on May 19, William Clements, a packer, employed by Dr. Robert Evans, Ph.C., 49 Dawson Street, was charged with having stolen permanganate of potash, phenacetin, Beecham's pills, and sticking-plaster, valued at 1l. 6s. 6d., the property of his employer. Prisoner pleaded guilty, and was remanded.

The following appointments have been made at the Queen's University, Belfast: Mr. P. J. Brannigan, M.Sc., as senior assistant in chemistry for the third term, in the room of Mr. C. W. Addy, M.Sc., senior assistant in chemistry, resigned; and Miss Louisa Beck, B.Sc., as junior assistant in chemistry for the third term, in the room of Miss F. W. Rea, M.Sc., who has been appointed lecturer in chemistry in University College, Cardiff.



SECOND-LIEUTENANT J. F. ADDY.

## Scottish News.

#### Brevities.

Mr. W. Spence Culbert, chemist and druggist, 39 Stirling Street, Airdrie, has opened a new pharmacy there at 43 and 45 South Bridge Street.

It has been ascertained that "grass disease," which has cost the lives of many valuable horses in Forfarshire, is due to excess of chickling vetch, yellow lupin, and alsike clover in the pastures.

A result of the war is that Beecham's pills, 1s. 3d. size, are now being sent out in cardboard boxes instead of the

turned-wood box, which has been in use for many years. A willow box was the previous style of packing.

Mr. William Lyle, J.P., dispensing chemist, Rothesay, has been appointed one of the Hon. Sheriff-Substitutes for the county, and has made the statutory declaration before Sheriff Martin, who cordially welcomed him and invited him to a seat on the bench. Scottish pharmacists seem to distinguish themselves legally. Mr. W. P. Wilson, Haddington, is another Honorary Sheriff-Substitute (if there are more we should be glad to hear from them), and there are two Judges—Mr. John Peebles, Kirkcaldy, and Mr. John Raffan, Stirling.



MR. W. LYLE.

Supplementary to the particulars of Insurance dispensing in Scotland in the C. & D., March 24, p. 43, it is reported that in the counties the average in 1916 was 8.69d. in Lanark and 12.82d. in Inverness-shire. The

burghs' average varied from 7.37d. in Kirkcaldy to 12.53d. in Dunfermline.

#### Dundee.

A bed of straw, with a bundle composed of boots, etc., at one end and an air-pillow at the other, is shown in one of Mr. G. J. Lindsay's windows in Nethergate as a contrast in comfort in favour of the air-pillow as a gift for soldiers.

A touching tribute to the memory of the late Mr. Peter MacEwan was contained in the "Evening Telegraph" on May 21, and concluded with these words:

"That this Lochee laddie won his way to the front ranks of the department in which he did his bit for his country is evidenced by the fact that he was big enough to be accorded the title of plain 'Peter MacEwan.'"

The retail price-list for May was circulated this week by the Dundee and East of Scotland Pharmacists' Association, and contains a number of changes in accordance with the rising markets. A new feature of the circular is a list of medicines and proprietary articles offered for disposal by members. The list is a most useful compilation, on which the List Committee and Mr. J. Robertson, Secretary, are to be congratulated.

#### Edinburgh.

It is said that a couple of retail pharmacies in Leith will be closed shortly.

The local newspapers made reference last week to the death of Mr. Peter MacEwan.

The writer possesses many treasured remembrances of the late Editor in the form of personal letters, etc., each compact with friendly counsel, glimpses of literary life, and unpublished annotations of men and affairs in general.

## Personalities.

MR. F. J. CHESHIRE is recommended as director of the new technical optics department of the Imperial College at a salary of 1,000l. a year.

MR. R. WOOLLEY WALDEN, pharmacist, 65 Elizabeth Street, Eaton Square, London, W., was on May 19 re-elected, for the fifth successive time, Chairman of the Metropolitan Asylums Board for the ensuing year.

MISS H. D. GORFETT, 160 Kingston Road, and 2 Oriol Road, Portsmouth, has passed the examinations of the Worshipful Company of Spectacle Makers, and anticipates setting up in practice as a sight-testing optician.

MR. WILLIAM WOOD, Ph.C., superintendent of Burroughs Wellcome & Co.'s works at Sydney, N.S.W., having recently completed twenty-one years' service with the firm, has received a handsome gold watch as a memento. The watch, with an appropriate inscription, was presented to Mr. Wood, on behalf of the firm, by Mr. A. B. Heeter, manager of the Sydney house.

WHEN the King and Queen visited Lancaster on May 16, the following were among those presented to their Majesties: Councillor W. Briggs, J.P., Mayor of Lancaster, and Councillor John Birkett, pharmacist, Mayor of Morecambe. The Mayoresses were also presented. The Mayor of Lancaster has since received a letter from his Majesty, thanking the townspeople for their loyal reception.

## Marriages.

JELFS—RAE.—At West Bromwich, Birmingham, on May 16, C. J. Chapman Jelks, pharmacist, to Harriet Louisa Knox, M.A., youngest daughter of the late Henry Rae, Melrose.

PROCTER—CODD.—At North Road Presbyterian Church, Birkenhead, on May 23, Rifleman Precter, V.C., King's Liverpool Regiment, to Hilda May, daughter of Mr. Charles Codd, chemist, Birkenhead.

REID—GRAY.—At Leith, on May 21, Robert Reid, pharmacist, elder son of Mr. R. Reid, Sandness, Shetland, to Rowena McKay, younger daughter of the late Thomas Gray, shipmaster, Leith.

## Deaths.

AXFORD.—At "Maxhaven," Stratford-on-Avon, on May 15, Mr. John William Axford, chemist and druggist, lato of Coventry, aged sixty-one. Mr. Axford carried on a successful dispensing business in Smithford Street for forty-two years, retiring about three years ago. He had a wonderful memory, as evidenced by the fact that he passed the Qualifying examination by his own unaided efforts before reaching the age of eighteen—possibly the youngest person to achieve this. His hobby was the study of languages. Each year he took a month's holiday on the Continent, and while away arranged the next year's tour. During the succeeding eleven months he worked on the language of the country to be travelled, and perfected his pronunciation among the inhabitants. In this way France, Italy, Holland, Germany, and Denmark were visited, his last trip being to Iceland. Mr. Axford was the first President of the Coventry Chemists' Association, a position he held until his retirement from business in January 1914.

DARBY.—At Brighton, suddenly, on May 20, Ellen Darby, wife of A. Hope Darby (John Morgan Richards & Sons, Ltd.).

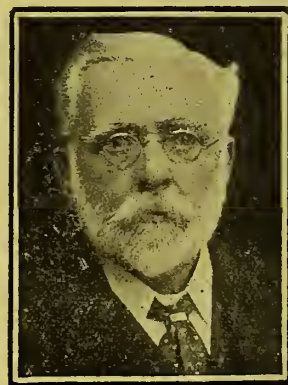
DAVIES.—At 23 Ashbourne Road, Derby, on May 18, Mr. William Davies, of the firm of Davies, Sons & Co., manufacturing chemists, Derby, aged seventy-nine.

FENNER.—At Brunswick Road, Shoreham, on May 21, Mr. E. Fenner, dispensing chemist, aged seventy. Mr. Fenner passed the Modified examination in 1869, and had been dispenser at the Sussex County Hospital, Brighton, for forty-nine years.

GREEN.—At Bella Vista, Westfield Park, Wakefield, on May 11, Mr. Alfred Green, chemist and druggist, aged sixty-nine.

STICKLAND.—At 2 Hamilton Road, Ealing, London, W., on May 12, Mr. William Henry Stickland, Ph.C., aged eighty-three. The late

Mr. Stickland was a well-known Metropolitan pharmacist, and was the founder in 1855 of the business of Stickland & Co., dispensing chemists, Cromwell Place, South Kensington. When Mr. Stickland opened his pharmacy South Kensington was mostly surrounded by green fields, but in 1862 a big change was effected, and when the Underground Railway was started he was compelled to find fresh quarters. This he did at 23 Cromwell Place, where he purchased a fine Georgian house on a corner site, which was transformed into a high-class modern pharmacy, illustrated in our issue of January 30, 1897. Mr. Stickland built up a large dispensing business, which he successfully carried on until 1911, when he sold it to its present proprietors, Mr. A. R. Melhuish, Ph.C., and Mr. B. R. Wilkinson, Ph.C., who carry it on under the name of W. H. Stickland & Co. He was an enthusiastic gardener and collector of ivory miniatures. For many years he was treasurer of the church in Onslow Square. The photograph which we reproduce was taken on his eightieth birthday.



MR. W. H. STICKLAND.

**JOB.**—At Craigmillar Lodge, Blundellsands, near Liverpool, on May 19, Mr. Thomas Raffles Job, J.P., aged eighty. The late Mr. Job was senior partner in the firm of Job Brothers, Tower Buildings, Water Street, Liverpool, merchants and shipowners and importers of Newfoundland produce (medicinal cod-liver oil, cod, seal, and whale oils), which business was founded as far back as 1800. Mr. Job was well known in the commercial life of the city, was formerly a member of the Mersey Docks and Harbour Board, and in 1892 was appointed a Magistrate for Liverpool.

**SHAUL.**—At his residence, Northview, Woodbourne Avenue, Streatham, London, S.W., on May 14, aged fifty-six, Mr. David Shaul, senior director of H. B. Sleeman & Co., Ltd., India House, 84 Leadenhall Street, London, E.C. Mr. Shaul's illness commenced very shortly after the death of his friend and fellow-director, the late Mr. Arthur W. Blackstone (whose death we reported in our issue of April 7), and its fatal termination comes as a very severe shock, not only to his colleagues of many years' standing upon the staff of the firm, but equally to the large number of friends in business circles whose confidence he enjoyed for so many years. The business of the company will be carried on as heretofore.

**WOODWARD.**—At Denver, Colorado, on April 15, Mr. Henry Joseph Woodward, president of Allaire, Woodward & Co., of Peoria, Ill., wholesale druggists and drug-millers, aged fifty-two. Mr. Woodward was for many years a member of the National Wholesale Druggists' Association, and as drug-importers his firm became well known on this side of the Atlantic.

#### Died on Service.

**CAMERON.**—Lance-Corporal William H. Cameron, who prior to enlisting in the Royal Army Medical Corps was employed as a chemist's assistant in Kirkcaldy, was killed by an enemy shell while tending the wounded on May 11. He was twenty-four years of age, and passed the Minor examination on July 1, 1914. For about two years he had been doing splendid service as a dispenser in France. He served his apprenticeship with Mr. Stewart, of Kirkcaldy.

**GRAVES.**—Private John Bernard Graves, West Yorkshire Regiment, which he joined eighteen months ago while an apprentice with Mr. E. J. Wood, chemist and druggist, Bootham, York, has been killed in action.

**GREGORY.**—Corporal Wm. Gregory, Seaforth Highlanders, who enlisted while with Wilson & Kitchen, pharmacists, of King Street, Whitehaven, has been killed in action.

**HARGREAVES.**—Corporal R. V. Hargreaves, only son of Mr. and Mrs. James Hargreaves, "The Halsteads," West Bradford, Clitheroe, and formerly of Blackburn, who was wounded recently in both legs, is officially reported to have died at a clearing-station at the Front. Prior to the war he was employed by W. Moadcroft & Sons, Ltd., essence-manufacturers, Regent Street, Blackburn. He was twenty-seven years of age.

**McFARLANE.**—Private Peter McFarlane, who prior to enlisting in the Royal Scots was employed as a chemist's assistant with the St. Cuthbert's Co-operative Association, Ltd., Edinburgh, has been killed in action.

**MILLER.**—Private Cedric Austin Miller, 1st South African Infantry, third son of Mr. C. B. Miller, chemist and dentist, Market Square, Graaf Reinet, South Africa, died from wounds received in France on April 9, aged twenty-four.

**PORTER.**—Private John E. Porter, who prior to joining the Northumberland Fusiliers was serving his apprenticeship with Mr. James Pirie, chemist, 85 Mid Street, Keith, has been killed in action. He was nineteen years of age, and joined the Royal Field Artillery in October last, from which he was transferred to the Northumberland Fusiliers.

**LESS SUGAR FOR SWEETS.**—By an Order which comes into force on June 1, the Food Controller has reduced the amount of sugar which may be used by manufacturers from 40 per cent. of the amount used by them in 1915 to 25 per cent. As under the old Orders, the new regulations do not apply to sugar used for jam, marmalade, and condensed milk. The Order imposes the following restrictions on the amounts which may be used:

Percentage of Total Sugar used in 1915	Period for which such Percentage is Applicable
6 1/2 per cent. ... ..	June 1, 1917, to August 31, 1917
12 1/2 " " " " " "	June 1, 1917, to November 30, 1917
18 1/2 " " " " " "	June 1, 1917, to February 28, 1918
25 " " " " " "	June 1, 1917, to May 31, 1918

The Order will be known as the Sugar (Restriction) Order No. 3, 1917.

## Legal Reports.

**Unstamped Measure.**—At Hanley on May 14, Mr. John Tirrell, dispensing chemist, Market Square, was summoned for having in his possession a measure not stamped as required by the Weights and Measures Act, 1878. Mr. J. E. Moxon, who defended, said the measure was used for measuring people who require trusses. He regarded the charge as trivial, and suggested that the proceedings should never have been taken. The Stipendiary imposed a fine of 20s.

**Beta-naphthol Contract.**—In the King's Bench Division on May 21, before Mr. Justice Bailhache, Mr. A. J. Barnett, trading as Barnett & Co., 99 Fenchurch Street, London, E.C., sued Javeri & Co., chemical-merchants, Northern Assurance Buildings, Manchester, claiming 567*l.* 2*s.* 2*d.* as damages for alleged breach of contract. The defence was that Javeri & Co. were only obliged to deliver within reasonable time, and that such time had not expired when the plaintiff, by letter, refused to accept further deliveries under the contract. The plaintiff's case was that in June 1915 the defendants agreed to sell and deliver to him a quantity of beta-naphthol at 7*s.* 6*d.* per lb. less 3 per cent., the deliveries to be made on specified dates. The deliveries were not made, and meanwhile the difference in the market-prices was 4*s.* 6*d.* per lb. at one time and 4*s.* 2*d.* per lb. at another. Witnesses were called to show the fluctuations in the market-prices of beta-naphthol. Mr. Justice Bailhache held that the defendants were liable for damages, which he fixed at 6*d.* per lb., making a total of 59*l.* 1*s.*, for which sum he gave judgment for the plaintiff, with costs on the High Court scale.

**Walsall Doctor's Application.**—In the King's Bench Divisional Court on May 23, Mr. Disturnal, K.C., applied, on behalf of Dr. J. J. Lynch, Walsall, for a rule *nisi* for a writ of *certiorari* to be directed to the Commissioners of Insurance for England and Wales, and to the local Insurance Committee at Walsall, requiring them to bring up a certain report in order that it might be quashed. He also applied for a writ of prohibition to prevent the Commissioners removing Dr. Lynch's name from the Insurance panel. Complaints had been made of Dr. Lynch's conduct as Chairman of the local Committee in 1913, and as the result of an inquiry the Commissioners removed his name from the panel (*C. & D.*, December 16, 1916, p. 47). He contended that the Commissioners went beyond their jurisdiction. The only question under the Act was whether the doctor's conduct was prejudicial to medical service of the insured. The only evidence taken was with regard to Dr. Lynch's conduct as Chairman in 1913, and had no reference to his duties as a panel doctor. It was clear that the complaints and findings had no relationship to efficiency of the medical service. The Lord Chief Justice stated that he could see no ground for impugning the decision of the Commissioners. This Court was not a Court of Appeal in these matters. The application must therefore be refused.

**The Employes' Register.**—At the Southport Police Court on May 16, Mr. James Righton, dispensing chemist, 515 Lord Street, was summoned, under the Defence of the Realm Regulations, for not carrying out the provisions of the regulation in respect of the register of male employes between the ages of eighteen and forty-one. Lieutenant Pemberton said when he asked for the form defendant took it from a desk or drawer at the back of the counter. It was in order, but not conspicuously exhibited. Mr. F. A. Jones, who defended, said that six of Mr. Righton's employes of their free will had joined the Army, leaving him almost single-handed. He had a seventh man, who, on April 26, received orders to proceed to Farnborough to have his qualifications tested for the Flying Corps, and Mr. Righton expected to receive word from him whether he had been passed or not. For the purpose of revision the list had been taken down. —Mr. Verdin Morris, manager for Boots, Ltd., Lord Street, was also summoned. Lieutenant Pemberton said he found the form locked up in the safe. It was otherwise in order. These cases were two of a total of six cases. The Chairman (Mr. H. Brooke), in announcing that the cases would be dismissed on payment of costs, said the public must realise that these regulations which are issued from time to time must be observed.

**Enemy Agreement.**—In the King's Bench Division, London, on May 14, the application was heard in the case of Trevalin, Ltd. v. Saccharin Fabrik and another. The plaintiff company carries on business in London as chemists, druggists, and makers of proprietary articles. The defendants are a German company and a German resident in Berlin. By an agreement made in 1913, the defendants

sold to the plaintiffs (1) the rights relating to certain letters patent concerned with processes for the manufacture of medical preparations, and (2) the benefit of certain trade-marks. Clause 8 of the agreement provided that if the plaintiff company should go into liquidation, or wished to sell the letters patent or trade-marks, before offering them for sale elsewhere they should offer them back to the vendors at the original cost-price. Clause 9 of the agreement provided that the agreement should be construed according to the laws of England, the address for service of the vendors in the United Kingdom being a firm in the City of London. The patents and trade-marks were duly transferred to the plaintiffs, and now, under a scheme of reconstruction, the plaintiffs wished to sell them to a new company to be formed to develop them. The plaintiffs asked for a declaration that Clause 8 of the agreement was void and not binding, and that they are entitled to offer the letters patent and the trade-marks for sale without offering them first to the defendants as provided. Mr. Justice Bray granted the declaration asked for.

## New Companies and Company News.

P.C. means Private Company and R.O. Registered Office.

**RESEARCH AND MANUFACTURING CO., LTD. (P.C.).**—Capital 2,500*l.*, in 1*l.* shares. Objects: To carry on the business of importers of and dealers in, and to experiment and carry on research into nature and character of all preparations, druggists' articles, compounds, cements, oils, paints, varnishes, and dry ware of all kinds, etc. Solicitors: Wood & Sons, 31 Poultry, London, E.C.

**HOYTE & SON, LTD. (P.C.).**—Registered in Dublin. Capital 4,000*l.*, in 1*l.* shares. Objects: To take over the business of a chemist, druggist, etc., carried on by Jas. N. Hardy at 17 Lower Sackville Street, Dublin, as Hoyte & Son. The subscribers and first directors are: Jas. N. Hardy, Ph.C., Mrs. Lily Hardy, Mr. Robt. D. White, and Ronald E. Campbell, Ph.C. R.O., 17 Lower Sackville Street, Dublin.

**A. G. FENTIMAN, LTD. (P.C.).**—Capital 100*l.*, in 1*l.* shares. Objects: To take over the business of a manufacturer of artificial teeth for the dental profession carried on by A. G. Fentiman; also to carry on the business of filling, stopping, sealing, and extracting natural teeth, etc. The subscribers are: A. G. Fentiman and A. J. Fentiman, both at 190 Bishopsgate, E.C. Solicitor: D. A. Romain, 195 Bishopsgate, London, E.C.

**CASSEL CYANIDE CO., LTD.**—The directors have decided to pay an interim dividend of 1*s.* per share, less income-tax.

**CASNER-KELLNER ALKALI, LTD.**—The directors have declared an interim dividend for the six months ended March 31 of 9 per cent.

**W. J. BUSH & CO., LTD.**—The annual meeting was held on May 18 at the Institute of Chartered Accountants, Moor-gate Street, London, E.C. Mr. James Mortimer Bush (chairman of directors) presiding. In moving the adoption of the report and accounts (see *C. & D.*, May 19, p. 37), the Chairman alluded to the fact that their turnover during 1916, both in value and in volume, largely exceeded all previous records, and carried with it an average and satisfactory net profit. This result had been made possible by the policy of expanding the scope of their manufactures which had been pursued for some years past, the pace of which had been accelerated since the outbreak of war. The funds required for this expansion had been provided mainly from undivided profits, but since the commencement of the war the company had borrowed a large amount from their bankers in order to equip themselves to supply the country with products which formerly were chiefly obtained from enemy countries, and also for chemicals which are needed in increased quantities for national purposes. This policy of expansion, if not absolutely brought to a halt, must inevitably be greatly retarded through the increase of the excess-profits tax to 80 per cent. The Chairman proceeded to show how this tax would operate against business enterprise in this country, and hoped that, as at present levied, the tax would be abolished as soon as the exigencies of war finance are removed. Reference was made to the retirement of Mr. Charles Samson Taylor from the board, and a vote of appreciation was passed expressive of the appreciation of his great services. The report, which was seconded by Sir George Hayter Chubb, was unanimously adopted, and Dr. Percy C. C. Isherwood, F.I.C., was re-elected as a director on the proposition of the managing director, Mr. Alfred W. Bush.

## Association Affairs.

**Chemical Industry Club.**—A meeting of the newly constituted Chemical Industry Club was held on May 21 at the Birkbeck Café, High Holborn, London, W.C. The Chairman for the evening was Mr. Bernard F. Howard, the hosts Messrs. J. W. Hinchley and A. C. Young, and the Hon. Recorder Mr. H. J. Jones. During the evening instrumental and vocal music was rendered, the singing of Dr. J. C. Phillip being specially enjoyed. The Chairman having in an informal manner opened the business of the meeting, the Chairman of the London Section of the S.C.I. (Mr. A. R. Ling) gave a cordial welcome to the members and visitors. The paper for the evening was read by Mr. M. C. Lamb, F.C.S., on *The Commercial Utilisation of Condemned Army Boots and other Waste Leather*. Of the boots partly worn in the Army none are now prematurely condemned. A portion are repaired and returned to stores; others are rejected, but some of these are used by civilians after repair, and the remainder are condemned as useless. Civilians' worn-out boots are consigned to the destructor, but suggestions are wanted for the utilisation of the immense quantities of Army boots no longer of use. The average weight of a pair of Army boots is from 3½ *lb.* to 4 *lb.*. About 11 *oz.* consists of upper-leather, 40 *oz.* of sole-leather, and the balance of metal, mainly iron. Scrap leather has been used, incorporated with slag, lime, and tar, for road-making, such a road being more resilient than ordinary macadam. For roads where heavy traffic was carried on 5 per cent. of leather was possible; for light traffic 10 per cent. could be used. It is calculated that 158 tons of leather per mile of road, or 9,000 pairs of boots, would be required. It was suggested that soles only, as a bottom dressing, should be used. Leather was also a good substitute for wood paving, and no more expensive. The preparation of animal charcoal by dry distillation, and the extraction of grease from uppers (an average of 15 per cent. of a fat with a melting-point of 37° to 39° C. being obtained), were discussed. From a ton of boots (560 pairs) there could be recovered grease, charcoal, ammonium sulphate, and iron and brass of the value of 16*l.* Leather-waste is also suitable for manure in finely ground powder. The uppers are cut off and made up for clogs for pits, and washers made from uppers are useful for taps; they stand hot water. Glue of an inferior quality is also obtained from leather. An informal discussion followed. The first speaker told of his experiences in former days at Leeds in the production of prussiate of potash from leather. Mr. W. F. Reid said the great difficulty in using old leather from boots is the expense of the processes. For road-making it is of little use, but blocks for indoor paving or paving of dry surfaces could be made. Leather after being heated, but not over 100°, can be pulverised, and when compressed strong blocks could be obtained. The introduction of chrome leather had complicated matters, as no one process would suit all kinds of leather. The population of the world is increasing more rapidly than the supplies of cattle, and there would soon be a dearth of leather. Other speakers followed, and a vote of thanks was passed to Mr. Lamb.

**Chemists' Dental Society.**—The Council of the Chemists' Dental Society of Great Britain and Ireland met at the Holborn Restaurant, London, on May 16, when the annual report was adopted. This deals mainly with the use of cocaine by unregistered dentists and the concessions which the Home Secretary had been impelled to make in recognition of the importance of their work. Very few claims had been made by patients in respect of accidents or mistakes by members, and those only of a trifling nature. The advantages of the dispensing and sales insurance scheme are mentioned and recommended to the members. The working-expenses of the Society are very small, and a substantial reserve fund is being built up. The report concludes with an appreciation of the pharmaceutical Press and the Council's thanks to the Pharmaceutical Society for assistance rendered throughout the year.—The annual meeting followed. Mr. K. Nixon (President) in the chair, when the reports and balance-sheet (the latter covering three years and seven months to December 31) were adopted and the following officers and Council elected: President, Mr. K. Nixon (Long Eaton); Vice-President, Mr. J. L. Smith (Manchester); Treasurer, Mr. Roberts (London); Hon. Secretary, Mr. B. Harries (Newport); Council, Messrs. J. H. Tasker (Fulham), T. Malins (Cardiff), Paterson (Edinburgh), Patterson (Ashington), Brownbill (Leeds), Brook (Lavender Hill), Fairweather (London), Hearle (Islington), J. S. Smith (Ireland), Dickenson (Mansfield), and Davis (Chesham).

**Ealing.**—The annual meeting of the Ealing and District Association was held on May 15 at Buco's Restaurant.

Ealing, Mr. A. A. Senior in the chair, when the following officers were elected: *President*, Mr. G. Norris; *Vice-President*, Mr. Senior; *Secretary*, Mr. A. Flood; *Assistant Secretary*, Mr. T. Marns; *Social Secretary*, Mr. A. Roberts; *Auditor*, Mr. H. Skinner. The district officers were re-elected *en bloc*. A vote of thanks to the officers was heartily accorded.

**Southend.**—A meeting of the Southend-on-Sea Association of Pharmacists was held at 167 High Street on May 17, the Vice-President (Mr. R. H. Shields) in the chair. Mr. A. H. Carpenter, in a most interesting and instructive paper entitled *Notes on Continental Pharmacy*, recounted his personal experiences of pharmacy practice in Paris, Rome, and the Riviera, for which he was cordially thanked. "The National Minimum Retail Price-list" was formally adopted.

**South Wales.**—The first meeting of the South Wales and Monmouthshire Federation was held at the Angel Hotel, Cardiff, on May 17, and was well attended. Mr. Leo Joseph presided, and outlined the steps that had led to the meeting. Rules were adopted and the following officers elected: *President*, Mr. Leo Joseph (Cardiff); *Vice-Presidents*, Messrs. Benson Harries (Newport) and H. M. Lloyd (Merthyr); *Treasurer*, Mr. H. S. Arnold (Cwmavon); *Hon. Secretary*, Mr. E. C. Harden (Cardiff). The President delivered an inaugural address dealing with the position of pharmacy, insurance dispensing, and the constitution of the Pharmaceutical Society, and pointing out the advantages of the Federation in reference thereto. Messrs. B. Harries, E. W. Jones, and H. M. Lloyd also commended the Federation idea and urged the necessity of further organisation. A vote of condolence with the family of the late Peter MacEwan was carried; and thanks were accorded to Mr. Finlay (Newport) for his work in establishing the Federation.

## Chemical Society.

PROFESSOR W. JACKSON POPE, F.R.S., presided at an ordinary scientific meeting of the Society held at Burlington House, Piccadilly, W., on May 17. In his opening remarks he referred to the loss sustained by the Society in the death of Mr. Peter MacEwan, the well-known editor of THE CHEMIST AND DRUGGIST. Three papers were read. The first, "Studies in the Walden Inversion—Part VI.: The Influence of the Solvent on the Sign of the Product in the Conversion of Phenylbromacetic Acid to Phenylaminoacetic Acid," by Dr. G. Senter and Mr. S. H. Tucker, was read by Mr. Tucker. It was shown that when the conversion took place on *l*-phenylbromacetic acid in liquid ammonia a *l*-amino acid was produced, whereas in aqueous ammonia the *d*-amino acid resulted. The effects of such solvents as methyl, ethyl, and propyl alcohols were also demonstrated. Special mention was made of the occurrence of the strongly dextrorotatory imino-diphenylacetic acid which separates with the second crop of crystals obtained on acidification of the ammoniacal solution with HCl. Mr. Tucker dealing at some length with the methods for its elimination and the proofs for its absence from the products on which his determinations had been carried out. The experimental evidence supported the idea, already deduced from kinetic considerations, that the action of water on the bromo acids produced a mandelic acid of the same optical sign as the bromo acid from which it is derived.

Professor K. C. Browning, in his paper on "Detection of Traces of Mercury Salts for Toxicological Purposes," gave details of the modifications of methods employed by him in finally arriving at the conditions of experiment now put forward. The work had been carried out in Ceylon, where the necessity for the detection of mercury in small amounts in and from the body was great owing to the large use made of mercury preparations in the treatment of an extremely prevalent class of spirochaete disease. His process was essentially the electrolysis of the solution under examination, using a strip of pure gold as cathode and a current of not too small density. The mercury is thus concentrated upon the gold, washed with water (ether is found to remove part of the mercury) and dropped into the hot limb of a Duprez tube. The tube is evacuated suddenly and a spark passed. The mercury is detected by the appearance of its characteristic spectrum. This method is capable of detecting mercury in concentration of one in a thousand millions without concentration of the solution by heat. It was shown that great loss of mercury takes place by volatilisation in the usual method of concentrating organic fluids under toxicological examination with the addition of HCl and potassium chlorate.

## Westminster Wisdom.

By the "C. & D." Parliamentary Representative.

### IRISH CHEMISTS' ASSISTANTS' WAGES.

The Chief Secretary for Ireland, in reply to Mr. Byrne's question in the House of Commons on May 17 (*C. & D.*, May 19, p. 56), stated that the matter of the wages of chemists' assistants in Ireland is engaging the attention of the Minister of Labour.

### THE USE OF COCAINE.

Our Parliamentary correspondent is informed that, owing to the fact that the Home Secretary has only just returned to the House of Commons after his recent severe illness, the interview with the Committee of members of Parliament and representatives of the unregistered dentists on the question of the use of cocaine in dental operations will not take place until after the Whitsuntide recess.

### A BENDER'S FOOD SIMILE.

Lord Hugh Cecil, in the debate on the second reading of the Representation of the People Bill in the House of Commons on May 22, said: "It seems to be thought that the Mother of Parliaments has become a toothless old crone, who cannot chew her own dinner, but requires to have it prepared in a suitable manner by skilled persons in order that it may be sufficiently digestible for her. She is to be given what I believe is called Bender's Food, and this Bill is Bender's Food, and you, Sir, and your Committee are Benders. I do not know myself who Bender was. I have no doubt he was a great authority on dietetics, and this Committee no doubt is a great authority on electoral law. But if I were an infirm person and they recommended me to eat Bender's Food, I might have it, but certainly I should refuse in any circumstances whatever to be forcibly fed with it."

### COMPANIES (PARTICULARS AS TO DIRECTORS) BILL.

This Bill, which has been introduced into the House of Commons, provides for the disclosure of certain particulars respecting the directors of companies. The Bill is as follows:

1. In addition to the particulars with respect to the persons who are the directors, or occupy the position of directors, which by section twenty-six of the Companies (Consolidation) Act, 1908, are required to be included in the annual summary, there shall be included such particulars with respect to those persons as would, if they were partners in a firm, be required to be registered with respect to them under the Registration of Business Names Act, 1916, and the register required to be kept by a company under section seventy-five of the Companies (Consolidation) Act, 1908, shall include such particulars as aforesaid, and the obligation of the company under that section from time to time to notify to the registrar any change among its directors shall include an obligation so to notify any change in any such particulars.

2.—(1) Every company which has been registered between the passing of the Registration of Business Names Act, 1916, and the passing of this Act shall, within one month after the passing of this Act, and every company registered after the passing of this Act shall, within one month of the registration of the company, send to the registrar of companies such particulars respecting the directors of the company and the persons who since the registration of the company have been directors of the company as, if such directors and persons were partners in a firm, would be required to be furnished with respect to such partners under the Registration of Business Names Act, 1916, and if default is made in compliance with this section, the company shall be liable on summary conviction to a fine not exceeding five pounds for every day during which the default continues, and every director, secretary, and officer of the company who is knowingly a party to the default shall be guilty of a like offence and liable to a like penalty.

(2) Sections eighteen and nineteen of the Registration of Business Names Act, 1916, with respect to the publication in trade catalogues, trade circulars, show cards, and business letters of certain particulars, shall after the expiration of three months from the passing of this Act apply to every company which has been registered since the passing of the Registration of Business Names Act, 1916, or which may after the passing of this Act be registered, as if the directors of the company were partners in such a firm.

Provided that if the name of the company sufficiently discloses the nature of the business carried on by the company, or the identity of the directors, the Board of Trade may by order grant, subject to such conditions as may be specified in the order, exemption from the obligations imposed by this section, unless any special circumstances exist which render it in the opinion of the Board inexpedient that such an exemption should be granted.

3. For the purposes of this Act and of sections twenty-six and seventy-five of the Companies (Consolidation) Act, 1908, as amended by this Act, the expression "director" shall include any person in accordance with whose directions or instructions the directors of a company are accustomed to act.

Clause 4 deals with the title of the Act.

## Trade Notes.

INDIAN PERFUME BRICK is the feature of Maw's Page this week.

WHITSUNTIDE HOLIDAYS.—W. J. Bush & Co., Ltd., Ash Grove, Hackney, N.E., announce that their perfumery department will close from May 26 to June 2.

DENOVO is the correct name for the preparation for removing wrinkles, which is made by the Thames Chemical Co., Ltd., Amberley House, Norfolk Street, Strand, London, W.C.

EUCRYL TOOTH-PASTE.—The advertisement of Eucryl, Ltd., 61 and 63 Lant Street, Southwark, S.E. 1, has attached to it a coupon which entitles the chemist sending it in to a bonus supply of the Eucryl tooth-paste.

DENTAMINT.—There has been an alteration in the price of this tubed dentifrice, made by Cuxson, Gerrard & Co., Ltd., Oldbury and Birmingham, which our readers should note in the company's advertisement in this issue.

THE NATIONAL ANILINE AND CHEMICAL CO. is to move its offices in June from the present headquarters at 100 William Street to 244 Madison Avenue, New York. The company has taken a lease of three floors of a new building.

JUNKET-TIME.—The spell of warm weather has brought a demand for the means of making Devonshire junket. The Standard Tablet and Pill Co., Ltd., Hove, appropriately impress on chemists the special reasons why stocks should be ordered just now.

MAY, ROBERTS' LIST.—The price-list of druggists' sundries which May, Roberts & Co., Ltd., Clerkenwell Road, London, E.C. 1, have just issued is a condensed reprint of Part I. of the company's general catalogue. Those chemists who have not received a copy should send a postcard request for one.

ANDREWS' LIVER-SALT.—A slight alteration of the proportion of sugar which this preparation contains has been made as a consequence of present conditions. It is stated, however, that care has been taken not to alter the medicinal properties at all. The advertisement of the proprietors, Scott & Turner, Ltd., Newcastle-upon-Tyne, notifies this change, and also the present prices.

P. & S. ESSENCES.—Polak & Schwarz's Essencfabrieken, Ltd., Zaandam, Holland, publish a price-list in English of their products. The cover is a fine specimen of three-colour process work, a group of fruits and flowers being the main feature of the picture. The sections of the list are (1) essential oils, (2) floral ottos, (3) aromatic chemicals, (4) fruit and flower essences. The last section includes also headings, mineral-water salts, and perfumes for tobacco. It is one of the most complete lists of its kind.

SURGICAL BANDAGES.—We have had an opportunity of examining the Norwich crêpe bandages, which we find are fine examples of the superior workmanship which a British house can put into an article when the manufacture is taken up seriously. The Norwich Crêpe Co. (1856), Ltd., St. Augustine's, Norwich, by whom the bandages are made, dates back many years, and has specialised in the manufacture of crêpe, this experience being a valuable asset when the manufacture of non-rubber elastic bandages is taken up. According to their quality these bandages are either of (1) silk and wool, (2) wool, (3) wool and cotton, and (4) cotton. Each kind possesses particular advantages, and all are sent out sterilised ready for use. The advantage of crêpe bandages is that they can be washed and restored to resiliency by a simple manipulation.

TOPICAL PREPARATIONS.—From Evans, Gadd & Co., Ltd., wholesale druggists, Exeter, we have received samples of some of their preparations which make a special appeal to the trade and the public at the present time. Glycerex is a white creamy liquid with a bland taste put forth as a substitute for glycerin in the toilet. It is put up in panelled white flats, and can be supplied under any other name if required or in bulk. Chemists should ask for a sample of this liquid. Then there is Confollax, a paraffin confection, which is suitable for recommending in place of compound liquorice-powder and confection of scenna now that the price of these aperients has become enhanced. The company also make a lysol of standard quality. Mr. Tickle, F.I.C., certifying that the coefficient is 2.6 in relation to pure carbolic acid. This is very satisfactory, as it is the point upon which doubt is thrown in the case of some of the preparations of this class. British eau de Cologne is also brought to our notice. It is attractively labelled as the Caerwise brand. It is not a new product, but is advancing in popularity now that the German toilet-waters are withdrawn from British markets. Evans, Gadd & Co., Ltd., have opened a London office at 61 Cheapside, E.C. 2.

## Insurance Act Dispensing.

A Record of matters concerning Chemists' interests in the National Health Insurance Acts.

### Inquiry about Two Panel Doctors.

A COMMITTEE appointed by the Commissioners sat at the head offices of the Commission, Buckingham Gate, London, W., on May 18, to hold an inquiry under Article 67 of the National Health Insurance (Medical Benefit) Regulations, 1913, for the purpose of ascertaining whether the continuance of Dr. Andrew Robertson Dow upon the panel of medical practitioners is prejudicial to the efficiency of the medical service of the insured. The Committee of Inquiry consisted of Mr. J. Fischer Williams (Chairman), Dr. Arnold Lyndon, and Dr. Starling. Mr. M. L. Gwyer, with Mr. E. MacGowan (Clerk), conducted the case for the Insurance Commissioners, and Dr. Dow was represented by Mr. Pierron, who suggested that the inquiry might be adjourned, as the question of the retention of Dr. Dow's name on the Medical Register is to come before the General Medical Council on May 23; but after discussion it was decided to proceed with the case, as the present inquiry was a Court of Assembly met to investigate the facts, and the actual decision rested with the Commissioners. It appeared that on February 28 Dr. Dow was sentenced at the Central Criminal Court to nine months' imprisonment in the second division on the charge of conspiring with others to defeat the provisions of the Military Service Acts by enabling persons liable to military service wholly or partially to escape from that liability. In the course of Dr. Dow's defence, Mr. Pierron spoke of a petition which has been sent to the General Medical Council, containing over 1,700 signatures of Dr. Dow's patients, expressing the hope that he would come back to attend them and resume his practice in the neighbourhood. The findings of the Committee will be issued in due course.

The next case before the Committee was a representation made by the County of London Insurance Committee that the continuance of Dr. G. V. H. Fairhall, 214 Algernon Road, Lewisham, S.E., upon the panel is prejudicial to the efficiency of the medical service of the insured. Personal notice had been served on Dr. Fairhall, but he was not in attendance or represented. The statement put in by the Clerk of the County of London Insurance Committee showed that there were three cases of individual neglect of panel patients, in support of which statement oral evidence was given. Moreover, the doctor had furnished no records for the years 1914 and 1915, and had habitually disregarded communications from the Committee and had failed, on representation, to attend an inquiry by the Medical Service Sub-Committee as to the manner in which he was discharging his duties. The Committee therefore intimated that in their opinion the continuance of Dr. Fairhall on the panel was undesirable, owing to his culpable neglect of insured patients and his habitual disregard of the communications of the Committee, while the invitation to appear at the inquiry was also disregarded. The findings of the Committee will be announced in due course.

## Reports from Local Centres.

### ENGLAND.

**Bradford.**—Out of 125 doctors on the panel 40 are now with the Army, and those left are doing their best to cope with the work of their absent comrades. Requests are being made to the public to save unnecessary work to doctors so far as possible.

**Derby.**—Returns for the twelve months ended December 31 last show that the total number of prescriptions from the borough of Derby was 112,132, the number of persons on the panel list for whom doctors prescribed being 35,238. The average total cost per prescription was 6.47d. (independent-price 3.91d., dispensing-fee 2.56d.). The average total cost per insured person was 20.60d., and the frequency per insured person 3.18. Doctors exceeding a flat rate of 1d. per prescription over the average cost are to have their attention called to the fact and to the necessity of preventing excessive or extravagant prescribing, and those continuing to show an excess will be asked for an explanation.

**London.**—At the meeting of the Insurance Committee on May 24, the Finance Sub-Committee's report showed amounts payable to chemists for Medical Benefit, 10,803l. 11s. 2d., this total comprising balances for 1914, 132l. 10s. 3d.; 1915, 40l. 12s.; 1916, 1,279l. 14s. 4d.; and for the year 1917, 9,350l. 14s. 7d.

SCIENCE must have a Department, a Government Office, before the public will fully accord it its place of honour.—*Professor D. Fraser Harris.*

## Observations and Reflections.

By Xrayser II.

### My Personal Acquaintance

with Mr. Peter MacEwan dates only from the year 1908 or 1909, when he asked me to call on him for the purpose of being introduced to the late Mr. Wootton. Since then I have visited him at the office of the *C. & D.*, and perhaps a dozen times in his own house. Such a slight acquaintance will not explain to those who did not know Mr. MacEwan the depth of the impression he made upon me, nor does it entitle me to speak of him as an intimate; but its very slightness gives value to the fact that he did impress me deeply, and adds weight to the feeling that by his death English pharmacy has suffered a very great loss. My visits had rarely anything to do with his work as Editor, but were just friendly calls, and our talk ranged over many subjects, of interest to us both, or that were made interesting to me by the light he threw upon them. The variety and completeness of his knowledge were astonishing, but what impressed me most was the sanity of his judgment and the evenness of temper with which he discussed every topic, however controversial it might be. I have never heard him say a harsh or hasty word, and I have more than once found myself checking my own hasty speech because it would have jarred in such a conversation. That this did not indicate in him any weakness of conviction or fear of speaking out when it was necessary to do so his conduct of the *C. & D.* plainly shows. May I say a word of

### The Domestic Background

of these conversations? It is only this: That the habitual serenity of Mr. MacEwan's mind was reflected in, and no doubt owed much to, the circle of his own family. It was clearly an atmosphere of peace in which he lived and moved at home, and who shall say what strength a man may not draw from such a source? To his wife and children I would offer this public testimony to the man they loved, and to their share in what we all owe to him, with the expression, if I may be allowed to add one, of my own personal sympathy with them in their bereavement.

### The President's Address

at the annual meeting showed all Mr. White's cleverness in putting the best face on everything and skating lightly over thin ice. He is no doubt sincere in thinking that substantially all is well with the best of all possible societies. It is a comfortable doctrine, and one that makes for acceptable speaking with most audiences. The only point on which the President hinted at imperfection in the Society was that of organisation—rather an important one. I should like to refer him to the summing-up of "The New Statesman's" report on this subject in the Second Part of the Special Supplement, to the First Part of which I referred last week. He may be comforted to learn that in the opinion of the writers of this report the constitution of all statutory bodies of the kind is anomalous. The conflict of views and interests within every profession is such that the State has never granted the power of complete self-government to any, and in their working there is always an anti-democratic tendency. It is certainly true that in our own Society the aristocrats, under a professedly democratic form of government, manage to keep the direction of the Council very much in their own hands. Our constitution was framed with that aim, and it has that effect. We may modify, but we cannot control its action, so long as it is elected in accordance with the Charter; and if this is the case, as we are told, in all such statutory bodies, then the only possible democratic organisation, whether for creative or for defensive purposes, is a voluntary one. Mr. White sees that we cannot have any radical change of organisation within the Society without a revision of the Charter. We must make him and the Council see that either the Charter must be revised or the Society must cease to oppose the setting-up of an independent organisation for purposes of defence.

### Mr. White's Views

as to the responsibility of the Society in the matter of education are thoroughly sound, and I am glad to see him give so emphatic a statement on this point. My recent remark in this column that the school might soon become a paying proposition must not be taken too literally; Heaven forbid that money should ever be made by any public body out of education! But were any such attempt made it would defeat itself, as one of the conditions of receiving a grant from the Board of Education is that the school receiving the grant must be financed from other sources than the fees to at least an amount equivalent to the grant received. This has always been regarded as a wise provision, since without something of the kind there would always be the possibility of an educational institution degenerating to the position of being run by the public and at the same time being a money-making concern. I sincerely hope that Mr. White's high standard in this respect will always be maintained.

### The Result of the Election

for the Pharmaceutical Council is disappointing. Two of the "new men" have failed, and the two who have succeeded are at the bottom of the poll. They are, however, the two who have been most uncompromising in criticism of the old Council, and from whom, consequently, most will be expected in the more effective theatre of criticism, the Council-chamber itself. They will strengthen the hands of the few Progressives they will find there, and will, let us hope, have their own strengthened by a new accession of men with similar aims next year. I congratulate Messrs. Hines and Jenkin, and wish them good speed.

### Ambrosia

was not only the food and, as Sappho says, the drink of the gods, but was also an unguent, a medicinal draught, and several other things; and the name was, in addition, given to divers plants, as indeed it still is, though some of them are not the same that were anciently called by it. A writer in a recent number of "The Classical Review" says that Dioscorides gives the name to the rosemary, but, if so, this has apparently been overlooked by our old herbalists and other writers known to me, who say that the ambrosia of Dioscorides was the so-called oak of Jerusalem (*Chenopodium Botrys*) or the oak of Cappadocia (*Ambrosia artemisiifolia*), which was confused with it, unless indeed the same plant were really meant. Gerard figures two, but Lyte uses both names of one and the same. Alphita and some other mediæval glossaries give the name to a species of wild sage, and wood sage (*Teucrium Scorodonia*) is still so called. Oak of Jerusalem was official with us, and the principal ingredient in our syr. botrysos. It was cultivated in our gardens and used like lavender for strewing among linen. All these various ambrosias had one thing in common—a sweet smell.

## Information Department.

### INFORMATION WANTED.

Postal or telephone information with respect to makers or first-hand suppliers of the undermentioned articles will be appreciated.

32/34. Apokarthartion.	33/2. Franzenbad. sel arsenio-
28/30. "Butterfly" perfume.	ferrugineux "Moor": sup-
36/57. "Infantibus" nipple-	plies.
shields.	38/55. Sinclairs' animal glue.
36/4. "Gived."	39/2. "Nil Gherry" or Nil-
37/65. Collapsible-tube filling	gherri (Pane's).
machines.	

### INFORMATION SUPPLIED.

Abram's trench-vest, 12/34	Lysol soap, 17/42
"Aethone," 13/29	McKenzie spray, 30/27
Chenopodium oil, 11/47	Pancreatic emulsion, 17/44
Cockle's pills, 9/37	Paris Medicine Co.'s speci-
Dutch drops, 38/37	alities, 27/39
"Floriline," 13/62	Rudkin's moth bricks, 17/42
Gelatin (thin sheets) for Italy,	Rudolph's pine shampoo, 13/28
30/3	Saccharated wheat phosphates,
Horlick's malted milk, 17/39	21/58
"Icilma" preparations, 15/64	"Zoka" tooth-paste, 20/59

**"SANITAS-CREOLEUM"**

## (WOOD PRESERVATIVE)

A unique preparation in three grades of Colour for preserving all forms of Wood and Woodwork against the inroads of fungoid and insect life.

*In Tins, Drums, and Casks.*

TERMS UPON APPLICATION TO

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Limehouse, LONDON, E.

**BRITISH**

**ABSOLUTE ALCOHOL**

**Jas. Burrough Ltd.** D.I. Cale Distillery, Hutton Rd., LAMBETH, S.E.

**A**n announcement of particular interest to you appears in this issue on page 3.

**SUGARLENE**

The New Sugar Substitute.

Inventor and Sole Proprietor:

**C. HILLMAN GANE,**

154 Fulham Palace Road, LONDON, W. 6.

Sample Packet for Six Stamps.

"A revolution in the art of Urine Testing."—*Medical Press & Circular.*

**ENDOLYTIC TUBES**

"The Laboratory in the Waistcoat Pocket."

Wholesale Terms on application to the Sole Proprietors:

**FLETCHER, FLETCHER & Co., Ltd., HOLLOWAY, LONDON, W.**

## Editorial Articles.

### Trade-mark Names for Drugs.

THE IMPORTANT ANNOUNCEMENT by the Comptroller-General of Patents and Trade-marks regarding the application of registered trade-marks to patented articles should be noted (*C. & D.*, May 19, p. 40). As is well known to our readers, emergency legislation has given power to the Board of Trade to grant licences to use enemy patents where this is in the national interests, and has also given the Board power to suspend or avoid the registration of trade-marks. Up to recently applicants for licences to

use patents controlling the manufacture of drugs and chemicals have not always applied for the avoidance of the names of these articles where they have been registered. The consequence has been that a fresh name has often been applied to a drug already well known under a particular designation. This has tended to aggravate the evil to which attention was called by the Select Committee on Patent Medicines of having several names for one and the same drug. The Comptroller-General holds that this involves a certain amount of "deception of the public." Dispensing chemists have experienced the inconvenience of having to stock several makes of hexamethylenetetramine or acetylsalicylic acid, for example, because the best-known names for these drugs had been monopolised by certain makers. In the case of these two drugs the evil has been counteracted to a degree by the removal from the Register of Trade-marks of the words "Urotropine" and "Aspirin," but there is every reason to believe that, although these were bad examples of the evil complained of, many other cases exist in which action should be taken. It is curious to note the indifference of manufacturers to the opportunity which exists of releasing the best-known names of many chemicals from the control of enemy manufacturers. We can understand why a particular maker does not care to go to the expense of taking proceedings in these cases when the result benefits every other maker as well as himself, but this should not prevent an association of manufacturing chemists from tackling the subject for the general good. The official announcement is that in future a condition of the grant of a licence to use an enemy patent for a drug will be that the name under which the drug has been known must be employed by the licensee. It is possible that the effect of this will be to limit applications for licences, but we hope that in the peace legislation which the Government will have shortly to contemplate, this point of the monopoly of the names of patented articles will not be lost sight of. Government Departments exist to look after the public interests, but if the parties concerned do not make known their views, it is difficult to obtain the consensus of opinion without which official bodies cannot proceed with success. The new policy which the Comptroller-General outlines does not prevent the legitimate use of trade-marks—e.g., the "arrow" brand urotropine—but it should do something to loosen the grip which enemy firms have obtained here to the detriment of the chemical-manufacturers of this country.

### April Overseas Trade.

THE April Board of Trade Returns were published on May 11, a fortnight after those for March. They show that the Government restrictions on imports and the intensified submarine activity have had little effect on our overseas trading, as the imports record an increase of 8,869,014*l.* worth compared with April 1916, the total value being 84,585,218*l.* The exports were less by only 1,018,373*l.* compared with April last year, the total value of the shipments being 35,799,466*l.* The four months' trading shows advances of 23,115,113*l.* in imports and 16,549,718*l.* in exports. The shipments of foreign and colonial merchandise during April were actually 395,840*l.* more, but on the four months' working there is a decline of 783,049*l.* from 1916. The features of April imports include an increase of eleven millions sterling in food supplies, an increase of 1,750,000*l.* in purchases of raw materials, and a decline of 4,716,000*l.* in manufactured goods whereon Government restrictions specially operated, so that all the eighteen scheduled groups show a substantial decline such as we have not witnessed before. Chemical products were 564,057*l.* less, imports being valued at 2,006,300*l.*, but that is 501,934*l.* better than in 1915. The high level of values, together with scarcity and hand-to-mouth operations in many chemicals, accounts for the bulk of the decline. The Government's restriction on the imports of painters' colours and pigments is now beginning to have its full effect, only 49,603*l.* worth being imported, or 54,059*l.* less than in April 1916; white lead and barytes were chiefly affected. Technical acetic acid arrived much more freely last month, the imports

being 12,106 cwt., against 1,932 cwt. Unenumerated chemicals fell from 747,159l. to 349,353l. last month. The quinine imports were well maintained, as the figures show:

	1915 oz.	1916 oz.	1917 oz.
April ... ..	290,514	306,658	289,000
January-April ...	870,782	1,486,277	1,317,112

On the export side of the account there is a welcome reduction in foodstuff exports of 1,172,840l., while of raw materials we exported 311,286l. more, the only change of importance being the fact that our oilseeds, etc., shipments increased by 506,419l. to 783,956l., the quantities, too, showing a practically all-round increase. Apparently we have ample supplies of oils and fats; that, at least, is the deduction from the figures. Thus exports of pure linseed oil amounted in April to 2,373 tons, against 1,013 tons in 1916, the increased values being 122,111l., against 44,166l. in April last year; exports of grease, unrefined tallow, and animal fat were just double at 46,716 cwt. Why is it, we wonder, that so much potential glycerin is sent out of this country when we want it here? We suppose that we need margarine even more than glycerin. Exports of manufactured goods increased by 136,839l., the cotton and woollen trades still doing well (2,075,900l. more), but iron and steel shipments were 1½ million less. Chemicals, drugs, and the like were 514,801l. less, dropping to 1,519,063l., the decline being of a general character. The shipments of copper sulphate were only 2,816 tons, against 3,974 tons a year ago, while in April 1915 we shipped 15,037 tons. Ammonia-sulphate exports were only 668 tons. Soda compounds were 170,180 cwt. less, while the medicine shipments fell from 409,897l. to 266,933l., and the figures for the four months January-April were 1,120,377l., or 227,326l. less than in 1916 and 201,773l. better than 1915. Exports of quinine expanded to 292,623 oz. during April, or 154,727 oz. more than in April 1916. On the whole, the chemical figures show that a good trade is being done under continued adverse conditions, while the situation need cause no apprehension.

### Diachylon Must be Signed for.

THE STATUTORY PERIOD of one month after the advertisement in the "London Gazette" of the approval of the Privy Council to the scheduling of diachylon expires on May 27. On and after that date diachylon becomes a poison within the meaning of the Pharmacy Act. It is moreover to be a poison in Part I. of the Schedule of Poisons, and, as "lead in combination with oleic acid or other higher fatty acids, whether sold as diachylon or under any other designation (except machine-spread plasters)," must be signed for by the purchaser, who must be known to the seller. The inclusive nature of this new entry in the Poison Schedule has been referred to in the *C. & D.* (May 5, p. 34, and May 12, p. 44).

### Recognition of Pharmacists.

In the ranks of pharmacy it has become the recognised order of things that the pharmacist shall not receive at the hands of the State his due share of recognition for services rendered. Another example which has been brought to our notice may be quoted. In a number of general and Poor-law infirmaries, where the pharmacists have rendered willing services, without extra salary, in the treatment of wounded and sick soldiers, a comparison with the medical and nursing staff at the same hospitals shows that the chemist is left out in the cold. The medical officer generally receives a commission with a rank of captain or higher, with all the privileges, financial and otherwise. The matron receives extra salary, and very often the Royal Red Cross. The under-nurses either receive the Red Cross or are "mentioned" for services rendered. Surely the pharmaceutical authorities should be able to see that justice is meted out to their members.

### Glycerin Dethroned.

IT LOOKS as though before the conclusion of the war we shall have learned to do without glycerin, and we may re-

quire re-educating in the uses of what was before the war regarded as an indispensable in medicine. Some of our readers may recollect that in 1886 we analysed the frequency with which drugs were prescribed in ten thousand prescriptions. On that occasion glycerin came out ninth on the list, and we should say that if anything the popularity of this prescription-ingredient has increased rather than diminished in the intervening thirty years. It will also be agreed that the use of glycerin in toilet-preparations has progressed very much within recent years. Now the need of the entire production of glycerin for munition-purposes has resulted practically in the withdrawal of glycerin from the market and the consequent curtailment of its use in medicine. We are frequently asked to advise suitable glycerin substitutes, and the National Health Insurance Commissioners are doing their best to educate doctors in the use of other demulcent liquids in Insurance prescribing. Dr. Helen P. Goodrich now points out ("British Medical Journal," 1917, I., p. 647) that the antiseptic properties with which glycerin has been credited do not exist. Moreover, the presence of glycerin is found more or less completely to destroy the antiseptic power of such useful substances as thymol, phenol, boracic acid, and mercury perchloride in aqueous solution. Experiments have shown that although a glycerin medium dissolves a larger proportion than does water of the four antiseptics mentioned above, the resulting solution has no better antiseptic power than the saturated aqueous solution.

### Diluted Flour.

A CORRESPONDENT in "The Lancet" (1917, I., p. 785) draws attention to the fact that mixed flours, containing barley and oats, agree well, but if maize is added consumers complain in a few days of colic, sometimes of a severe character. Such a result, it is stated, is well known to those who have resided in the East, where the adulteration of wheat flour with maize is common. Flour may be diluted with barley, oats, rice, beans, maize or rye, or with mixtures of these cereals, the only stipulation being that the percentage of wheat should not fall below a certain figure. Within these limits the proportion of the different ingredients employed depends very largely on the state of the market at any given moment. If, for example, stocks of barley are abundant and the grain cheap, the miller will use more barley, and so on with the other cereals. The whitest mixture is a flour diluted with oats and rice, and the darkest is one mixed with barley, whilst maize gives a yellow tint. Of all the diluents, barley is really the most satisfactory, being nearest to wheat flour in composition and general characters, and it blends well with flour in baking. Many fastidious people, however, object to the colour. It is probable that maize flour, on account of its abundance, is the diluent most in use at present. Unfortunately, maize contains a large percentage of cellulose and its fixed oil is liable to become rancid. If flour containing maize could be stored in cool granaries and only supplied the day before it is baked, there would be less objection to its use, but in existing conditions the extensive use of the maize mixture is prejudicial to public health. If the public taste would accept the darker loaf, wheat and barley would be the best mixture. Some bakers are making bread of barley meal alone, which is quite satisfactory, but for which it is necessary to charge a higher price.

WOODEN PACKING-CASES.—The attention of the Board of Trade has been drawn by the Director of Timber Supplies to the large quantity of wood used in the manufacture of packing-cases for the transport of goods both in the home and export trade. The Board points out that, in view of the necessity of restricting imports and at the same time of supplying essential war requirements, it is absolutely necessary to observe the strictest economy in the use of wood. Great assistance could be rendered by traders if the use of wooden packing-cases and crates were abandoned altogether, or, where this is not possible, if crates only were employed. The issue of an absolute prohibition on the export, except under licence, of wooden packing-cases containing goods is under consideration, but it is hoped that the response to the appeal for economy will prove so satisfactory that the necessity for taking this step may be avoided.

## The late Mr. Peter MacEwan.

THE FUNERAL of Mr. Peter MacEwan took place on May 19 at Marylebone Cemetery, East Finchley, London, N. A short service was held at 64 Southwood Lane, Highgate, before the interment, the Rev. Alexander Ramsay, minister of Highgate Presbyterian Church, conducting the services. There was a large gathering at the cemetery, those present including Lieutenant H. C. MacEwan, R.E., and Cadet Gerald MacEwan, R.F.C. (sons), Mr. David MacEwan and Mr. Robert MacEwan (brothers); Colonel Sir John S. Young, C.V.O. (Scottish Corporation), and Lady Young; Mr. W. S. Glyn-Jones, Mr. G. Vaughan Morgan; Dr. Gerald Fitzgerald; Dr. Peter Short; Mr. Patrick Gardner; Mr. S. Crowden; Mr. Percy Hurd; Mr. A. Jackson; Mr. W. L. Watson; Mr. Walter F. Reid (Ex-President of the Society of Chemical Industry and Chairman of the Institute of Inventors); Mr. Edmund White, B.Sc. Lond. (President of the Pharmaceutical Society), Professor H. G. Greenish (Dean of the School of Pharmacy), Mr. J. Harcombe Cuff and Mr. A. H. Jenkin (Members of Council), Mr. W. J. Uglov Woolcock (Registrar and Secretary), Mr. Richard Brembridge (Ex-Registrar and Secretary), Mr. J. P. Gilmour (Editor), and Mr. G. E. Jones; Mr. Strafford S. Hewitt (Orange Free State Pharmaceutical Society); Mr. Hugo Wolf (President of the North London Pharmacists' Association), Mr. C. W. Matthews (Ex-President), Mr. Herbert Skinner (Secretary), and Mr. J. Hearle (Trade Secretary); Mr. Alec. E. Keith (East London Pharmacists' Association); Mr. W. P. Want (Editor of the "British and Colonial Pharmacist"); Mr. W. Johnston (Secretary of the Chemists' Defence Association); Mr. T. H. W. Idris, J.P. (President of the Public Pharmacists' Association); Mr. G. A. Tocher (Secretary of the London Pharmaceutical Committee); Mr. C. J. Abery (T. & H. Smith, Ltd.); Mr. A. Proctor Atkinson (Dakin Bros., Ltd.); Mr. R. Demuth; Mr. W. Edwards (W. Edwards & Son); Mr. F. W. Fletcher (Fletcher, Fletcher & Co.); Mr. T. Hidson (R. W. Greeff & Co.); Mr. W. Lamond Howie (British Drug Houses, Ltd.); Mr. C. W. Kimber (Spottiswoode, Ballantyne & Co., Ltd.); Mr. G. J. Knight; Mr. E. Linstead (Burroughs Wellcome & Co.); Mr. T. Maben (Parke, Davis & Co.); Mr. A. Macdonald (J. F. Macfarlan & Co.); Mr. John Murdock (John Murdock & Co.); Mr. E. Pickering (Francis Newbery & Sons, Ltd.); Mr. B. Richardson (Thomas Christy & Co.); and Mr. W. A. Whatmough, B.Sc. (John Tyne & Son). The following were present from the staff at 42 Cannon Street: Sergeant B. M. Brander, R.A.M.C.; Mr. S. Brett; Mr. and Mrs. William Chalmers; Captain F. C. Denham, V.F.; Mr. P. Garrett; Mr. J. E. Glass (Publisher of "The Ironmonger"); Mr. T. Hearn; Mr. A. C. Meyjes (Editor of "The Ironmonger"); Mr. J. R. Raper; Mr. J. M. Stainforth; Mr. H. Walker (Publisher of THE CHEMIST AND DRUGGIST); Miss G. Wilson; Mr. S. W. Woolley, and Mr. W. A. Young.

### FLORAL TRIBUTES

were placed on the grave by the following: Minister and office-bearers of Highgate Presbyterian Church, North London Pharmacists' Association, Staff at 42 Cannon Street, C. & D. Staff at Spottiswoode, Ballantyne & Co., Sir Jesse Boot, Mr. and Mrs. James Anderson (Braidwood), Mr. F. W. Beck and Mr. C. H. Kirby, Mrs. G. Christie (East Finchley), Mr. and Mrs. Percy Crawley (East Finchley), Directors of Evans Sons Lescher & Webb, Ltd., Dr. and Mrs. Fitzgerald, Mr. and Mrs. F. W. Fletcher, Mr. and Mrs. P. Garrett, Mr. and Mrs. Patrick Gardner, Mr. and Mrs. John E. Glass, R. W. Greeff & Co., "Jay Mack," Dr. W. H. Martindale, Mr. and Mrs. A. C. Meyjes, Morgan Bros., Mr. and Mrs. H. M. Silvanus (Muswell Hill), Directors of Spottiswoode, Ballantyne & Co., Ltd., Mr. P. W. Squire, Mr. and Mrs. Sutherland, Mr. and Mrs. Croal Thomson (Highgate), Mr. and Mrs. Wade (Gloucester Gate), Mr. and Mrs. Henry Walker, Mr. Henry S. Wellcome, and Mrs. Watson Will.

### Some Appreciations.

A large number of letters has been received from the various sections of the drug-trade expressing sympathy

and the high opinion in which Mr. MacEwan was held. From these communications the following are selected:

**SIR THOMAS BARCLAY, Chairman of Southall Brothers & Barclay, Ltd.**

British pharmacy is immeasurably poorer by the removal of your late Editor, Mr. Peter MacEwan, but the loss to his family and his personal friends is vastly greater, for, in addition to his diversified knowledge accumulated during a comparatively short but very strenuous life, he had such a large heart and such a generous, lovable disposition that all who came into contact with him became his personal admirers and friends. It is with such feelings that I write you. Pharmaceutical students, Associations that represent pharmacy in this country, business houses, and all, indeed, who are connected with the drug-trade, will realise a blank by the death of Mr. MacEwan which it will be almost impossible to fill. His general knowledge in such a range of subjects connected directly or indirectly with the business which he had with such patience and ability acquired was always available as a reserve to those who appealed to Mr. MacEwan for advice. In these days of change, with the continued fresh legislation affecting the profession and various branches of business, it was a great advantage to have in the chair of the editor a man with such clear insight, such high ideals of the profession, and such a sense of responsibility and public spirit as he possessed to stand in the breach. There can be no doubt that Mr. MacEwan put his whole heart into his work. He was conscientious to a fault, and with his genial good nature it was only necessary to ask his advice on any technical subject, when, if he did not possess the information at first hand, he took endless pains to obtain what you required from the resources at his disposal.

**SIR EDWARD EVANS, Chairman of Evans Sons Lescher & Webb, Ltd.**

I have had the privilege of the personal acquaintance of Mr. MacEwan for many years, and outside our trade altogether we had many sympathies in common, and I frequently met him and knew how his great object in life was the greatest good of the greatest number of mankind. While keen in conviction, he was broad-minded and full of knowledge of affairs and of men. As regards his relations to the drug-trade, I don't think I could express it better than reiterate what you yourselves say in your issue of May 19, "Pharmacy is the poorer for his death, as during his time he helped forward and supported every movement which had for its object the betterment of the conditions of the drug-trade."

**SIR RICHARD A. ROBINSON, Ex-President of the Pharmaceutical Society.**

I much regret to hear of the death of Mr. MacEwan; he will be greatly missed by a very large circle of friends. I had many opportunities in past years of meeting him, and can recall most pleasant remembrances of him. When I was a member of the Pharmaceutical Council it was our policy (which no doubt still continues), while upholding the highest personal efficiency and conduct, not to overlook the commercial side of pharmacy, and with that object I visited many large towns, and am glad to remember Mr. MacEwan gave me every possible support. Though now retired from active business, I cherish a warm place for the welfare of pharmacy, and though no doubt it is distressing that the law allows unqualified persons to carry on business under the limited-liability Acts, and the high standard of personal ownership has thus been greatly lowered, yet I am sure Mr. MacEwan, by every means in his power, desired to uphold and sustain the most worthy ideals for the lasting benefit of pharmacy.

**SIR THOMAS W. ROBINSON, Kingstown.**

All chemists will receive a great shock on reading of the death of Peter MacEwan, but to those who had the pleasure and privilege of his friendship the sorrow will be deep indeed. He was a great man, a master of his profession, a man of high attainments, culture, a deep thinker, and added to this a genial disposition with a truly magnetic personality. He was an undoubted authority upon all matters appertaining to our profession, and he always gave his advice and the results of his experience freely. It was my good fortune to have access to him whenever I happened to be in London, and I recall many pleasant chats. My last talk with him was in the late autumn of last year. Herb-growing in Ireland was becoming a very interesting question, and I was daily besieged with inquiries. I need hardly say that Mr. MacEwan was able to give me most valuable information. Our talks, too, were not confined to trade matters. My lifelong connection with public work made me eager to discuss bigger issues, and here again, although holding divergent opinions on some fundamental questions, we always thoroughly enjoyed an interchange of views.

**SIR RICHARD WINFREY, M.P., Parliamentary Secretary to the Board of Agriculture and Fisheries.**

The sudden passing of my old and dear friend Peter MacEwan came as a terrible shock to me, for it was only on the Monday evening, thirty-six hours before his seizure, that we had a pleasant chat together in the Lobby of the House of Commons, when he introduced me to his brother and told me the last news about his sons who are serving their country. Peter MacEwan and I had many things in common: we were of the same political persuasion, members of the same Club, and outside the pharmaceutical world our aspirations moved along the same lines. When he first came to London to take up a position on the *C. & D.* I was just retiring from the presidency of the Chemists' Assistants' Association, having left John Bell & Co.'s and launched myself upon the stormy sea of politics. Peter MacEwan at once saw the importance of the movement to organise the chemists' assistants, and with great sympathy and tact did all he could in the columns of the *C. & D.* to strengthen the movement. At this time we got little help from the powers that then ruled at Bloomsbury Square; indeed, the C.A.A. had to fight for its position step by step in those days, and the improved position of the chemist's assistant to-day owes much to the friendly advice and advocacy of the late Editor of the *C. & D.* It is all ancient history now, but my memory goes back to the strenuous fight we put up against the Parliamentary Bill brought forward by the Pharmaceutical Society to impose a drastic curriculum upon all students without giving them at the same time any improved status when they had become qualified chemists by examination—a fight in which we were successful, for the Bill had to be withdrawn owing to organised opposition in the House of Commons. It was largely due to my knowledge of Parliamentary methods and MacEwan's excellent articles in the *C. & D.* that success rewarded our efforts. I am glad to think that twenty years later, and after I had succeeded in gaining a seat in Parliament, the Pharmaceutical Society adopted a more enlightened policy, and successfully promoted legislation which has materially improved the status of the qualified chemist's assistant, and has done this without imposing a cast-iron form of curriculum—in other words, has left the door open for the poor man to gain his knowledge of the chemist's art in the easiest and cheapest way he can. Yes, indeed, the present generation of chemists owes much to the advocacy of Peter MacEwan, who for the last thirty years has helped to fight their battles for them in an enlightened Press.

**MR. W. S. GLYN-JONES, M.P., Parliamentary Secretary of the Pharmaceutical Society.**

The passing away of Peter MacEwan has left a gap in pharmacy and a void in the heart of many a friend. He has left to those for and with whom he worked an example to be followed and memories which will be cherished. In many a difficulty I looked to him for that counsel and advice which his exceptional pharmaceutical attainments and experience so fitted him to give. I always felt that it was a delight to him to serve pharmacy and his fellow-pharmacists, so ungrudgingly and unostentatiously did he take infinite pains to help, whether the difficulty was taken to him by the humblest apprentice or was one of high pharmaceutical politics. The impersonal rôle of Editor of *THE CHEMIST AND DRUGGIST*, which he so ably filled, resulted in many of the great services he rendered to pharmacy going unrecorded. To-day it is right that I, who remember him as a friend, and who could have testified at the time from personal knowledge on many an occasion to the value of those services had he not forbidden it, should ask to put on record my imperfect but sincere appreciation of what we all owe to him.

**MR. DAVID GILMOUR, Chairman of the Executive of the North British Branch, Pharmaceutical Society.**

To his Scottish friends the announcement of Mr. MacEwan's death came as a painful shock and surprise. To those of us who knew him somewhat more intimately it came as the loss of a relative or personal friend. Mr. MacEwan was one of the men whom to know was a privilege in life, whether regarded from the technical and professional side, or simply that of friendship. It is seldom that those two characteristics are combined in the same individual. In Mr. MacEwan one could hardly tell which to admire the more, they were so evenly balanced and nicely blended. This might not be apparent to every one at the outset. From his quiet unobtrusive manner a stranger would never have guessed at the fund of information that could be drawn from him in almost every subject, more especially connected with chemistry and pharmacy, either technical or practical. The list of papers read by him before scientific societies speaks volumes for the bent of his mind in earlier days, and while pharmacologically one might grudge the loss of results of these studies and

inquiries when he definitely adopted the profession of journalism, who can say that his influence on the craft was circumscribed on that account? Nay, rather he appealed to a wider constituency by his permanent literary work, apart altogether from the powerful influence he wielded in the editorial chair. And thus, though the personal element in later years to a large extent disappeared, and while a vain man might have grudged this, not so Mr. MacEwan, for thereby he felt that he might be of more use in the world. He was frequently consulted by the leaders of pharmacy, and was in personal touch with every scientist who had any connection with the pharmaceutical world, and what he did not know about these things was not worth knowing. His eminent fairness was shown strikingly in his treatment of Scottish affairs. In the North we are naturally proud of his position and the influence he gained. We well know that he was a Scot to the backbone, but he was a "canny" Scot, and he did not let his personal predilections influence his wider policy. He was intensely domesticated and social. Did he hear of a Scottish chemist coming South, an invitation was at once extended to visit his hospitable home at Highgate, where, under the kindly influence and gracious personality of his true help-met, and surrounded by the members of their family, he was seen at his best.

**MR. W. F. WELLS, Ph.C., Ex-President of the Pharmaceutical Society of Ireland.**

It was a great shock to me to read the announcement of the death of my old friend Mr. Peter MacEwan. It was my privilege to know him for many years as a true and trusty friend. He was a man of sound judgment, great capacity, combined with good common sense; strong and straight, having a mind of his own and never afraid to give his opinions freely. It was always a pleasure, which I greatly esteemed, when in London to drop in and have a chat with him, and I felt my views of things enlarged or strengthened by contact with his store of knowledge, specially of all appertaining to pharmacy, and his courtesy and kindness were at all times unfailing when one sought his help or advice. He made the interests of pharmacy his life-work, and gave of his best to it, serving his day and generation well. He leaves an honoured and respected name to his children.

**MR. JOHN C. UMNEY, F.C.S., Ex-Chairman of the Chemical Trade Section, London Chamber of Commerce, etc.**

It was with a very real sense of sorrow that I learned of the death of my old friend Peter MacEwan. I doubt if any man had a greater grasp of pharmacy in all its aspects—scientific, commercial, and legal—than he had, and I gratefully acknowledge now he has gone, as freely as I did when he was with us, the debt of gratitude I owe him for the sound advice he was always ready to bestow when asked for it, and encouragement if he thought such a word to be in season. I have before me as I write a letter he wrote me in January last—a letter from one sick man to another—recalling, among other things, his first meeting with me in 1885, as I stepped down from the driver's seat of a coach at the De'il's Elbuck on the way from Braemar to Blairgowrie during the British Pharmaceutical Conference festivities held that year in Aberdeen. Since that time I have been privileged to be closely associated with him not only on a private footing but in the Conferences, Proprietary Articles Trade Association, London Chamber of Commerce, and other public activities in which we both have been engaged. His grasp of a situation was masterly, his perception of the inwardness of things was of the clearest, while his judgment on matters of importance was as nearly unerring as is given to man to possess. Though not much given to public speaking, his remarks at such times were always of value, were he addressing business men on trade matters or just having a friendly word with a party of students. The fact that it was "Peter" speaking assured him a hearing, and rounds of applause at the bits of Scottish humour that would always be slipping out to temper the serious words of counsel from one old enough to be wise, but young enough to be sympathetic. His letter to me referred to above was written on Robert Burns's birthday, and he concluded it with the quotation:

"Who made the heart, 'tis He alone  
Decidedly can try us;  
He knows each chord, its various tone  
Each spring, its various bias;  
Then at the balance let's be mute,  
We never can adjust it;  
What's done we partly may compute,  
But know not what's resisted."

**MR. DAVID STORRAR, Ex-Chairman of the North British Branch of the Pharmaceutical Society.**

Might I crave space to express, in a very few words, my sincere sorrow and regret at the passing of my old friend Mr. Peter MacEwan? His death is a heavy loss to pharmacy

as a science and as a craft. There has been no one in our ranks, with the possible exception of the late Dr. Paul, who has combined so efficiently the qualities of the scientific student with those of the accomplished journalist. I was a member of Council of the North British Branch of the Society during Mr. MacEwan's tenure of office as Secretary for Scotland, and can well remember the regret felt by all interested in Scottish pharmacy at his leaving us. Although he then became a critic of the Council's doings, he was a loyal and devoted member of the Society, and his personal influence did much to promote the Society's usefulness and direct its efforts into practical lines. The amount of work Mr. MacEwan got through was remarkable, and is another proof of the old saying that "it is the busy man who finds time to do things." He brought to his work a clear head, a persuasive tongue, and a facile pen, and his outstanding characteristics were thoroughness and earnestness in whatever he undertook, unweariness, industry, a capacity for taking trouble, and a passion for getting at the root of things. No estimate, however, of Mr. MacEwan's public work would enable us to get at the man himself without taking along with it his personality. He was eminently a trustworthy man, always ready to give sympathy and helpful advice, and to do so in a manner inspiring confidence. He had quite a genius for friendship, as his large circle of personal friends shows. With him, once a friend always a friend. I knew him for nearly forty years, and although during that time there were occasions upon which we did not see eye to eye, there was never a hitch in our personal friendship or the slightest inclination on my part to moderate my high opinion of himself or his aims. He has left behind him a full life's work well done, an honourable name, and a clean record; and what man among us can do more although his life may be lengthened out far beyond the allotted span?

**MR. W. L. CURRIE, Ex-Chairman of the North British Branch of the Pharmaceutical Society.**

Peter MacEwan dead! Alas! it was too true. My first thought when I heard it was (and it still remains with me), We have lost a great man from the world of pharmacy, one who has "made good," and who has left behind him an impress that will not readily be effaced. For the long period of forty years I have known him, and that was before he entered upon the career he has so much adorned. At first I did not see so much of him, but from the time he went to London I have known him intimately, and through seeing him frequently and enjoying the privilege of his friendship learned to know and value him as a real friend. The same kind feeling radiated from him to all who came from the North, and his large-heartedness in this direction gave him hosts of friends. There is not one in the ranks of pharmacy in Scotland—ay, and in England—but will feel his death as a personal loss. Publicly, all who knew him felt the influence he exercised over them. It has been my particular privilege and pleasure to enjoy many times and oft the hospitality of Mr. MacEwan in the quiet of home, and it was there that the greatness of the man came into bold relief. . . . His mind was a vast storehouse of knowledge and information, and those who knew him well will agree that his grasp of detail was such that almost in a moment he could give chapter and verse to uphold or refute. In his own sanctum in 42 Cannon Street, where I was ever welcome, whether to seek information or discuss a problem, his command of reference was simply wonderful, and many times I have been astonished at the lightning rapidity of his thoughts by seeing him simply turn round in his chair, lift a book from its place, and quote something dealing with question at issue. . . . But not only in pharmaceutical circles in this country will his loss be felt. He had friends in all parts of the world, and few of them came to this country on a visit without calling on Peter MacEwan at the earliest opportunity. The well-known figure of Peter MacEwan has gone from among us, but in the hearts of those who knew him his memory will long remain as a thing of beauty and a great joy.

**MR. FREDERICK J. HANBURY, F.L.S., Chairman of Allen & Hanburys, Ltd.**

I desire to express, on behalf of our board of directors and myself, our deepest sympathy in the loss you have sustained in the death of Mr. Peter MacEwan. The writer had the greatest respect for him, and it was always a pleasure to meet him. You will, I fear, feel his loss very acutely. It was about this time two years ago that he paid a visit to the writer, and wrote the very kind and appreciative article giving an account of his visit to the garden at Brockhurst.

**MR. GEOFFREY HOWARD, Director of Howards & Sons, Ltd.**

We have heard with the deepest regret of the death of Mr. MacEwan, who was not only an outstanding land-

mark in the chemical trade owing to his remarkable personality and encyclopædic knowledge, but was a "father and friend" to everyone who turned to him for advice and information on those subjects of which he was a master. The whole trade will mourn his loss, and rightly so, for such a man is rare and his experience unique.

**MR. F. W. FLETCHER, F.C.S., Governing Director of Fletcher, Fletcher & Co., Ltd.**

My friendship with Mr. MacEwan extended over a period of more than thirty years, and yet it seems only yesterday that I first made his acquaintance. He possessed the wonderful secret of perennial youth. It was impossible to think of him as growing older, for, in spite of more than one serious illness, he maintained a vigour of mind and body which created the impression, perhaps not wholly justified, that he was endowed with a robust constitution which no amount of hard work or fatigue could impair. . . . When Mr. MacEwan assumed control of THE CHEMIST AND DRUGGIST he had no easy task before him. His predecessor (Mr. A. C. Wootton) was a man of rare intellectual gifts, and with the command of a literary style which for grace and charm has probably never been equalled, and certainly never excelled, in the conductor of any trade journal. Mr. MacEwan's mind was cast in a different mould. His Scotch ancestry and training imparted a certain sturdiness to his style which, if it lacked the delicacy of touch which characterised that of his predecessor, nevertheless gave it a force and directness which left no room for ambiguity or misconception. Were I asked to sum up in one word the predominant feature of Mr. MacEwan's work I should say "thoroughness." To him may well be applied the words written of a famous fellow-countryman:

"Through life he did the one thing he was doing as if it were the one thing in the world that was worth being done."

The wide range of Mr. MacEwan's knowledge was astonishing. There was scarcely a subject on which he was not well informed, and to the discussion of which he could not contribute some new light. He was well abreast of the most recent discoveries and theories of scientists both in this and other lands, and was no mere superficial student of philosophy and metaphysics. I was often impressed with his extraordinary familiarity with methods and results of chemical research. This was a subject which fascinated him, and had he been free to choose I have little doubt that he would have elected to spend his life in the laboratory. . . . Notwithstanding his attainments Mr. MacEwan was one of the most modest of men, singularly reticent with regard to his own achievements, and content to let the results of his labour speak for themselves. A gutton for work, he never knew an idle moment, and it was only during the last few years that he allowed himself the relaxation of golf. I almost think he would have regarded this as a deadly sin had it not been that imperative medical orders left him no option. . . . Painful as was the shock to his family and friends, I cannot help thinking that to Mr. MacEwan himself the end came as he would have wished. He "laid down the well-worn tools without a sigh" in the plenitude of his powers and with his faculties undimmed. To us who remain he has bequeathed a lofty ideal and an inspiring example:

"He is not idle: in some higher sphere  
His spirit bends itself to other tasks.  
And strength to perfect what it dreamed of here  
Is all the crown and glory that it asks."

**BURROUGHS WELLCOME & CO., London, E.C.**

Looking back over the long period of time during which he has been a member of your editorial staff, we realise how much his high character, broad outlook, ability, and energy contributed to his success, and we offer our tribute of respect to the man who possessed these qualities to so eminent a degree.

**MR. ALFRED W. BUSH, Managing Director of W. J. Bush & Co., Ltd.**

The writer is fortunate in having known Mr. MacEwan for many years, and considered him one of the most genial and kind-hearted men one could ever wish to meet.

**MR. W. EDWARDS, Ex-President of the Proprietary Articles Trade Association.**

It is with the greatest regret that I have heard of the death of my friend Mr. MacEwan. It is forty years since I knew Mr. MacEwan at Dundee; I was always received with the greatest courtesy and kindness by Mr. James Hardie and Mr. MacEwan. I well remember in those days I often had a pleasant chat with Mr. MacEwan, and our acquaintance began in that way. I saw him occasionally in Edinburgh, and fairly often when he became the Editor of the C. & D. Mr. MacEwan always found time to have a

chat on business or other matters, and had a considerable gift of showing his interest in what you had to say, while giving you his valuable experience.

**MR. F. RANSOM (W. Ransom & Son, Ltd.), Ex-President of the British Pharmaceutical Conference.**

We have known Mr. MacEwan for many years, and have always received from him the greatest courtesy and consideration. We have frequently had occasion to refer to him both on scientific and business questions, and have invariably found his experience and knowledge of great assistance.

**MR. E. PICKERING (Francis Newbery & Sons, Ltd.).**

In the passing of Mr. MacEwan the trade has lost a wise counsellor and friend, whose sterling qualities have exercised a world-wide influence for good.

**MR. H. WIPPELL GADD (Evans, Gadd & Co., Ltd.).**

I have long entertained much esteem for Mr. MacEwan, and valued his shrewd and kindly counsel which he gave me on many occasions.

**MR. J. W. DRYSDALE (J. W. Drysdale & Son).**

I feel it a great personal loss—that of a good, kind friend—and his many kindnesses and sympathetic friendship extending over nearly thirty years will always be treasured by me in affectionate remembrance.

**MR. W. A. H. NAYLOR, Ex-President of the British Pharmaceutical Conference.**

The announcement made by the President of the Pharmaceutical Society to the members assembled in annual meeting on Wednesday last, of the sudden and unexpected death of the Editor of THE CHEMIST AND DRUGGIST, was received with awe and manifest signs of the deepest sympathy and regret. It is given to few men in our ranks to be known and revered by so wide a circle of friends. The position of eminence he had attained in the ranks of pharmacy had been won by sheer hard work and the exhibition of high personal qualities. He will be remembered by his scientific contributions to pharmacy, his helpful publications relating thereto, and his minute and exact knowledge of the laws regulating its conduct. He would have disdained an assumption of knowledge that he did not possess—a characteristic that stamped his matured opinions with the seal of reliability. From any applicants for advice on any matter pertaining to his pharmaceutical calling he never withheld information when it was in his power to give it. The resources of a mind stored with the fruit of long and patient toil were freely placed at the disposal of his fellow-craftsmen. Honesty and frankness marked all his utterances; a modest, quiet demeanour, an affable manner, and a courteous bearing characterised his conduct. To friendship he was ever loyal. . . . Capable, cultured, painstaking to the last degree, gifted with insight and a direct and vigorous style of writing that challenged attention, he worthily maintained on its literary side the high traditions of the *C. & D.*, to the editorship of which he succeeded in 1899. Well did he fill life's allotted task.

**MR. JOHN E. GLASS, Publisher of "The Ironmonger."**

Mr. MacEwan's chief characteristic was perhaps his readiness to help those who came to him in sorrow, worry, illness, or anxiety. Cheery optimism, trust in human nature, willingness to devote time and trouble, combined with generosity and a tender heart, all contributed towards this side of his personality. His wide knowledge of men and things brought him a unique power of sympathy and made him a steadfast friend to many. . . . Despite long residence in London, he retained all the characteristics of a Lowland Scotsman and love for his native land. His summer holiday was always spent in Scotland, and he delighted to write to his friends long letters describing the scenery and surroundings in which he found himself, and the influence of mountain, forest, and rushing stream upon his temperament.

**MR. THOMAS MABEN, F.C.S., Ex-Examiner of the Pharmaceutical Society.**

My acquaintance with Mr. MacEwan dates from 1880, and during the thirty-seven years that have since elapsed I had the inestimable privilege of his close personal friendship, an experience which has made my own life richer and fuller than otherwise it would have been. We first met in April in the year mentioned, in Edinburgh, for the purpose of revising our work in view of the forthcoming Major examination. In this connection it is interesting to recall an incident of those days which showed the analytic as well as the synthetic quality of his mind. During our fortnight's study we felt the need of a chart for the separation of alkaloids and glucosides on similar lines to those employed in the analysis of inorganic salts. There was nothing of the kind available at that time, so MacEwan set to work and himself constructed a chart, which not only

tended to our own success at the examination, but which was used for years afterwards by Major students following its subsequent publication, anonymously, in "The Chemist's Journal." I mention this episode, which I think no one living save myself will be aware of, and which was the forerunner of the long series of scientific studies that have done so much for pharmacy. It was largely through Mr. MacEwan's influence, when he was Secretary of the North British Branch, that I first took pen in hand, and I have had much reason to be grateful for frequent advice and encouragement. I joined the Board of Examiners in Scotland in 1884, and of the nine men connected with the Board at that time only one other besides myself remains—namely, Dr. W. Inglis Clark, Edinburgh. At the time I speak of the work of the Pharmaceutical Society in Scotland was in a transition stage, and Mr. MacEwan's influence and tact were of great service in helping to place the Branch on a sounder foundation. Mr. MacEwan was one of the kindest-hearted, as he was one of the most level-headed, of men. A cool, cautious Scot, he had unerring judgment, and he was rarely, if ever, at fault in the many critical questions of policy that were so often referred to him for decision. His advice was always being asked, and no matter what was in hand it was always cheerfully given.

**MR. WILLIAM KIRKBY M.Sc., Manchester.**

I am very grieved to learn that Mr. MacEwan has been taken from you. . . . I feel that words would fail to tell you how great has been my admiration for him. It is not only that one was impressed with his great ability, with his extensive knowledge of everything that had to do with pharmaceutical affairs, and with commercial pharmacy as viewed from every aspect, but it was his intense desire to avoid and to clear from his mind everything that would conduce in the smallest degree to nourish prejudice and to bring about any self-deception. As a personal friend he was one in whom the most complete confidence could be reposed. His advice was always helpful and eminently sound. There were in him reserves of power far beyond those found in the majority of men.

**MR. WILLIAM P. EVANS, President of the Liverpool Chemists' Association.**

On behalf of the above Association, I should like to tender our sincere sympathy on the death of Mr. Peter MacEwan. He has been a good friend of this Association, and we were looking forward to a visit from him in the autumn to address the members at one of their meetings, and I had a letter from him on the subject only a few weeks ago.

**MR. JOHN H. ROBINSON, Liverpool.**

To the chemists of Liverpool Mr. MacEwan has been a faithful friend, and during the sixteen years that I have been in business here no event in the drug-trade has created such a deep sense of sorrow.

**"JAY MACK."**

Peter MacEwan was one of the few men in the drug-trade worth listening to. Our trade is specially prolific in drivel and windy pretentious harangues; but MacEwan was always crisp and to the point, well-informed, and sane. He was the favourite "Uncle" of the drug-trade family; the man who gets told the truth, the secrets, the inner meanings; all of which puzzle so many of our miniature composites, because they never get to know—and never will. His own superiority was so evident, his knowledge so wide and diversified, it is not to be wondered at that he had very little sympathy with the aims of people who had nothing but a desire for exclusiveness to back up their pretensions. Thousands of men all over the world will keep his memory green.

**MR. C. CUMMINGS, Dundee.**

The news of the death of Mr. MacEwan has been received here with surprise and much regret by all Dundee friends, who took great pride in his successful career.

**MR. J. CLEWORTH, Manchester.**

I was terribly shocked to read of the death of my esteemed friend Mr. Peter MacEwan, and even yet cannot realise that I shall no longer receive the interesting and almost fatherly letters from him again. He always took a very great interest in my career, and was ever ready to help me and to give advice on those matters in which he was so well learned.

Mrs. Peter MacEwan and family desire to convey their grateful thanks for the many kind tributes and letters of sympathy which have been received from the friends of the late Mr. Peter MacEwan.

## Trade Report.

he prices given in this section are those obtained by importers or manufacturers for bulk quantities or original packages. To these prices various charges have to be added, whereby values are in many instances greatly augmented before wholesale dealers receive the goods into stock, after which much expense may be incurred in garbling and the like. Qualities of chemicals, drugs, oils, and many other commodities vary greatly, and higher prices than those here quoted are charged for selected qualities of natural products even in bulk quantities. As a result of the War wholesale houses have had to contend with many fresh difficulties, some of which have involved greatly increased expenses. Shortage of labour with higher wages (equal to almost double pre-war rates) has a direct effect upon values of goods, as also have railway carriage, freights, cartage, and other charges. The foregoing and other incidental outlays prevent retail buyers purchasing at the market prices quoted here.

### 42 Cannon Street, E.C. 4, May 24, 5.30 p.m.

MARKETS continue quiet on the whole, with few changes of interest, but there is rather an upward tendency in several of the synthetic products. Cream of tartar is becoming scarcer daily, and prices have again advanced. Citric and tartaric acids are both firm. Montreal potashes are rather better, owing to higher freights. The salicylates are still on the firmer side, both acid and soda being in good inquiry. There is a shortage of the latter, and prices are naturally improving. Bismuth salts are in good demand, makers being busy on Government account; gallic acid is slightly easier. Japanese refined slab camphor is also easier to arrive, but English is unchanged, with makers sold well ahead. Menthol is quiet, with an easy undertone. Gentian is getting scarce, and is firmer. Small sales of quinine are reported at steady prices, but offers to sell are difficult to get. Italian produce shows an improvement, particularly lemon oil to arrive; hand-pressed limo oil is still scarce. Oil of Japan mint has been in good request on c.i.f. terms. New French neroli is likely to be dearer.

Higher	Firmer	Easier
Canary-seed	Balsam tolu (N.Y.)	Camphor (Jap. slabs, c.i.f.)
Chillies	Gentian	
Cream of tartar	Juniper-berries	Gallic acid
Dill-seed	Potashes	Shellac
Ginger	Salicylates	Turpentine
Lemon oil		
Mace		
Wax, bees'		

### Cablegrams.

NEW YORK, May 23.—Business in drugs is quiet. Balsam tolu has advanced 9c. to 39c. per lb. Copaiba balsam is steady at 75c., and Canada balsam has advanced to \$6.00 per American gallon. Cascara sagrada is steady at 11c. per lb.

BERGEN, May 24.—The cod-fishing at Finmarken continues small, the total catch of cod being 23,000,000, against 46,400,000 for the corresponding period of last year. The yield of oil is 33,140 barrels, against 54,650 barrels at the same time of 1916. The market is lifeless.

ACETONE.—The production of acetone in U.S.A. has been sold quite far ahead, and makers say that they have little spot goods to offer.

ALOES.—The exports from the Union of South Africa during February 1917 amounted to 17,162 lb. (167%), against 169,518 lb. (1,620%) during February 1916. During the two months ending February the exports were 69,323 lb., against 291,038 lb. in 1916.

ARROWROOT is very firm, with sales of St. Vincent at up to 6d. per lb.

BALSAM PERU is firmer on spot and in more inquiry at 16s. per lb., some holders asking 17s.

BALSAM TOLU is steady at from 2s. to 2s. 2d. per lb. net on spot.

BROMIDES are firm, granular potash offering at 5s. 9d. and crystals at 6s.; ammon. is 4s. 3d., and soda 2s. 6d. to 2s. 9d.

BUCHU.—The exports during February 1917 were 9,169 lb. (1,268%), against 27,819 lb. (4,645%) in February 1916. The

exports for the two months ending February 1917 were 20,920 lb. (3,392%), against 34,636 lb. (5,785%) during the corresponding period of 1916.

CAMPBOR (REFINED).—Japanese slabs to arrive are easier, with June-July shipment offering at 3s. 3d. per lb. c.i.f. terms. Fair quantities of Japanese have arrived in the United States and been placed in bond. English is unchanged, refiners being somewhat oversold.

CANARY-SEED is dearer, with a fair business done at 85s. to 87s. 6d. per quarter for ordinary to good Morocco.

CAPSICUMS were rather firmer at auction, 25 bags Nyasaland selling at from 42s. 6d. to 47s. 6d. per cwt.

CHILLIES.—At auction 46 bags Nyasaland sold, including fair rather dark at 95s. and yellowish mixed at 85s. per cwt., being dearer.

CHLORAL HYDRATE is quoted at from 7s. 6d. to 7s. 9d. per lb. net in bond.

CITRIC ACID is still difficult to buy, with 3s. 6d. per lb. quoted for small lots.

CLOVES are firm but quiet, the spot value of fair Zanzibar being 10½d. per lb.; to arrive, March-May shipment is quoted 10½d. c.i.f. and June-August delivery at 10½d.

COCAINE.—Hydrochloride is quoted at 26s. 6d. per oz. net in limited quantities for spot delivery.

CORIANDER-SEED is steady at 75s. to 77s. 6d. per cwt. for Morocco on the spot, but transactions are small.

CREAM OF TARTAR very difficult to buy owing to scarcity; 240s. has been paid for 98-per-cent. powder on the spot.

CUMIN-SEED sells slowly at 80s. per cwt. for good sifted Morocco.

DILL-SEED is dearer at 47s. 6d. per cwt. on the spot for East Indian.

FENUGREEK-SEED has been in good demand, and a fair quantity of Morocco has been sold at 38s. 6d. to 39s. for good quality.

GALLIC ACID is rather easier at from 4s. 9d. to 5s. per lb.

GENTIAN is firmer and rather scarce on the spot at from 77s. 6d. to 80s. per cwt.

GINGERS are all firmly held. Cochin washed is strong at 72s. 6d. to 75s. per cwt., and for Sierra Leone 55s. is wanted in Liverpool. Medium to good Jamaica is 95s. to 105s., and common to good common 90s. to 92s. 6d. per cwt. At the London auction on Wednesday 617 bags Cochin and Calicut offered and 300 bags sold at 70s. for good washed; 221 bags fair limes Japan were bought in at 52s. per cwt.

GLUCOSE.—We understand that the Food Controller has decided that liquid glucose is to be used in the manufacture of jams and pharmaceutical preparations only for human consumption. English is quoted at 55s. and American at 65s. per cwt.

HEXAMINE is firm at 3s. 9d. to 4s. per lb. net on spot.

JUNIPER-BERRIES.—Holders on spot ask 29s. per cwt. in view of the fact that the rate of exchange has moved in favour of Italy.

LEMON OIL.—The movement in the rate of exchange on London in favour of Italy has led to a sharp advance on the part of Sicilian shippers, who quote by cable 4s. per lb. c.i.f., to which various charges have to be added. The spot values are now from 3s. 11d. to 4s. for genuine oil. These sudden fluctuations in the rate of the Italian exchange have a tendency to irregular quotations from the other side, but for the time being practically all Italian export produce is appreciating in value.

LIQUORICE-ROOT.—Fair arrivals have taken place in Liverpool. Decorticated sticks offer on the spot at from 100s. to 105s. per cwt.

MACE was about 3d. per lb. dearer in auction for West Indian, 63 packages being sold, comprising fair reddish 2s. 2d. to 2s. 4d., ordinary and wormy 1s. 8d. to 2s., and pickings 1s. 4d. to 1s. 7d.

MENTHOL continues extremely slow, the nominal spot value of Kobayashi-Suzuki being 12s.; sellers of June-August shipment quote 10s. 9d. per lb. c.i.f.

MENT OIL.—The sales include 50 cases Kobayashi-Suzuki for May-July shipment at 2s. 9d. per lb. c.i.f. terms, the spot value being 3s. 2d.

NEROLI OIL.—According to the prices which are being paid for the flowers higher prices are expected for the new French crop which is in process of being distilled.

NUTMEGS firm at auction, 66 packages West Indian and 77 bags limes Java being disposed of.

OLIVE OIL.—We understand that certain parcels of olive oil which are being offered and sold as Italian are not really the produce of Italy, the export as a matter of fact being prohibited, and no special licences have been granted. Buyers who require Italian oils should therefore ascertain the real place of production by insisting that the sellers submit all official documents.

OPUM remains strong, the value of 10-per-cent. Persian being 41s. per lb., and Turkish is 40s. net, both on spot, with diminishing stocks.

PARALDEHYDE is offered at from 13s. to 13s. 6d. per lb. net as to quantity and seller.

PEPPERMINT OIL.—American in tins continues quiet, with forward shipment offering at 10s. 6d. per lb. c. and f. terms, the spot value being 11s. net.

PEPPERS are firm but quiet, with spot sellers of fair black Singapore at 11½d., and to arrive sales have been made at 10½d. afloat and sellers. Singapore white has been sold on the spot at 1s. 1d. for fair, and Muntok has sellers at 1s. 1½d.

PHENACETIN.—Stocks are still under the embargo of the Government, and business in the open market applies to lots of 7 lb. or less, limited quantities being available at 90s.

PHENOLPHTHALEIN is quoted at from 92s. 6d. to 95s. per lb. net, but supplies are not plentiful.

PIMENTO is quiet, with sellers at 3½d. per lb. on the spot. POTASH PERMANGANATE is in more inquiry, the current value being 12s. 6d. per lb.

POTASHES.—The higher freights have affected prices, which are now from 185s. to 187s. 6d. for first Montreal on the spot.

QUININE.—A small business has been done to consumers at from 2s. 8½d. to 2s. 8½d. per oz. At the moment there is little offering in the open market, as there is reported to be a fair quantity under the Government embargo, which is not called up or released. When the Government demand is satisfied, it is anticipated that permission to deal will be granted more freely.

SALICYLATES.—Sodium salicylate is still very scarce on the spot, holders asking 6s. to 6s. 6d. for powder, and salicylic acid powder is 4s. 9d. to 5s., with some asking a little more.

SHELLAC is easier and quiet, with usual standard quality TN Orange selling at from 218s. 6d. to 219s.; fine Orange is 295s. and AC Garnet 230s. per cwt.

SULPHUR.—At the Government fixed prices of not less than five tons and cash with order no supplies will be available for several weeks. Outside of this holders of Sicilian flowers are obtaining 37s. 6d. for flowers and 35s. for roll. English recovered rock sulphur is worth about 22s. per cwt.

TARTAR EMETIC is quoted at 3s. 3d. per lb. net in cwt. lots.

TARTARIC ACID is quoted at from 3s. 1d. to 3s. 2d. per lb.

TURPENTINE is easier, American on the spot closing at 54s. 3d. per cwt., or about 9d. cheaper.

VANILLIN has been in good demand, and prices are tending firmer at 32s. to 34s. per lb.

WAX, BEES', is dearer, Jamaica being held at 10l. 10s., East African 10l. 2s. 6d. to 10l. 5s., bleached East Indian 10l., and yellow 9l. 5s. per cwt.

WORMSEED OIL.—There is practically nothing offering at the moment.

WORMWOOD OIL.—The spot value is about 15s. per lb.

### German Drug and Chemical Markets.

The following notes chiefly refer to the Hamburg and Berlin markets up to April 14:

AGAR-AGAR has been unobtainable from neutral countries for some time past. The demand remains active for what there is, and from m.48 to m.49-50 per kilo. has already been paid.

ANISEED is cleared. For a quantity on its way to Germany m.540 per 100 kilos. is asked.

CAPSCICUMS are very active as a substitute for pepper. The crop in Hungary has been very unsatisfactory this year, and consequently the Hungarian Government has prohibited exportation of the remaining stocks. Prices for capscicums in the German market have advanced considerably, first quality being quoted at from m.22 to m.24 per kilo., and commercial at from m.18 to m.20 per kilo.

CARDAMOMS are badly wanted, but almost unobtainable. A few thousand kilos. of Abyssinian are still to be had.

CARRAGHEEN has been sold in large quantities at m.16 per kilo., but new imports are impossible.

CHAMOMILES are in active demand as a tea substitute, and the price is m.240 per 100 kilos.

CITRIC AND TARTARIC ACIDS are badly wanted, and are asked for from all sides in large and small quantities. Only small lots are to be had, however, at considerably advanced prices. Citric-acid crystals are from m.35 to m.36 per kilo., and powdered and chemically pure completely fail. Tartaric acid is from m.32.50 to m.33 per kilo. for lead-free crystals, and from m.33.50 to m.34 for powdered.

CLOVES.—Zanzibar have advanced considerably again, as the demand has increased. Only retail lots are offered at from m.19.50 to m.20 per kilo.

CORIANDER.—Thuringia and Mogador are offered at m.440 per 100 kilos.

OILS (ESSENTIAL).—Prices per kilo.: *Star-anise* is now m.21. *Cassia* is still obtainable at m.28. *Lavender* is m.55. *Pomeronian* oils are higher: *Patchouli* is offered at m.170. *Siberian Pine-needle* is quoted at m.11, and *Sandalwood* is still offered at m.72. *Bergamot* cannot be imported, and fails completely. The last prices paid for genuine, with 35 per cent. of esters, varied between m.85 and m.90 per kilo.; artificial bergamot oil (36 to 38 per cent.) is from m.60 to m.65. Dutch *Caraway*, twice rectified, is extremely scarce. From Ho. and it cannot be obtained in consequence of prohibition of exportation. Prices vary from m.49 to m.52 per kilo., according to quantity and quality. The prices of *Clove* oil increase continually in consequence of the high prices for cloves, from m.46 to m.48 per kilo. being quoted. *Eucalyptus* must be had except in trifling quantities; for genuine *g'obu-us* (75 to 80 per cent.) from m.25 to m.26 per kilo. is asked. A substitute is offered at from m.8 to m.9 per kilo. Rectified *Fennel* is also getting very scarce, and the demand remains active. New imports of Galician seed cannot be expected, and from m.28 to m.30 per kilo. is asked for the oil. Guaranteed pure *Lemongrass* has advanced to m.36 per kilo., and is very scarce. First Messina *Lime* cannot be imported at present, and even oil belonging to German owners in Switzerland cannot be obtained. In retail lots from m.35 to m.40 per kilo. is quoted. Japanese *Oil of Mint* has advanced to from m.39 to m.39.50 per kilo., according to quantity. New imports cannot be expected.

### Arrivals of Chemicals, Drugs, etc.

The following is a selection of arrivals at the Ports of London and Liverpool during the period May 16 to 22 inclusive:

To London.	90 dms. 4 pkgs. 1	Drugs, unrated, 22l.
Acetanilide, 2 brls.	bx.; anise, star, 50	56 bxs. 2,515 pkgs.
Acetic acid, 202 hrs.	cs.; sandalwood,	78 cs.
Alcohol, wood, 15,738	16d.; synthetic, 1	
gals.	dm. 7 pkgs.	Dyestuffs, unrated, 72
Ammonia, 100 cyl.	Oils, fixed: coconut,	pkgs. 34 kgs.; chest-
Anatto ext., 3 cks.	20l pps. 282 hds. 596	nut ext., 1,065 cs.;
Antim. reg., 25 tons	pkgs. 3,100 cs. 20	cutch, 850 cs. 600
Antiphlogistin, 375 cs.	cyl.; copra, 2,880	bgs.; dyewood ext.,
Argol, 3,526 bgs. 458	cwt.; wood, 3,548l.	225 cks. 18 dms.;
pkgs.		gambier, 3,697 cs.;
Arsenic, 100 cwt.	Paraformaldehyde, 5	cubes, 164 bgs.; log-
Benzaldehyde, 1 cs.	cs.	wood ext., 241 cks.;
Betanaphthol, 1 ck.	Peppin, 10 pkgs.	mangrove ext., 4,000
Baking-powder, 1,300	Perfumery, unrated,	bgs.; sumach, 1,000
pkgs.	389l; toilet-powder,	bgs.; tanning ext.,
Barytes, 20 cks.	1,463l.	3,690 bls.
Bromides: ammon., 50	Platinum, 432l.	Ginger, 50 bgs.
cs.; potash, 43 cs.;	Podophyllum-root, 64	Gum, damar, 150 cs.
soda, 10 cwt. 10 cs.;	bgs.	Iodine, 180 kgs.
strontium, 5 bxs.	Potash carb., 48 cks.	Lead acetate, 37 brls.
Cannab. ind., 6 cs.	Potash pruss., 10 kgs.	Liquorice - juice, 10
Cantharides, 20 cs.	Pyrogall. acid, 10 cs.	pkgs.
Cardamoms, 92 cs.	Quinine, 258,024 oz.	Liquorice - root, 193
Casein, 1,593l.	Resorein, 1 cs.	bgs. 583 bls.
Chlorophyll, 17 cs.	Rosin, 204 cks. 198 brls.	Magnesite, 6,469 tons;
Citric acid, 400 kgs.	Saffron, 2 pkgs. 1 cs.	caustic calcined, 332
10 cs.	Safrol, 1 drim.	tons; dead burnt,
Cocculus ind., 400 bgs.	Sailol, 5 kgs.	485 tons; hard
Copaiba, 5 cs.	Saltpetre, 7,042 cwt.	burnt, 175 tons.
Coumarin, 1 cs.	Sandalwood, 204 bds.	Mineral white, 300 cs.;
Cream of tartar, 21 kgs.	Seeds: caraway, 21	tal., 124l. 34 cs.
Cresote carb., 1 cs.	sk. 2 cs.; dill, 50	Nuts and kernels:
Cuhehs, 6 bls.	hgs.; fennel, 73 bls.;	copra, 17,801 bgs.;
Dental goods, 412l.	lin., 6,319 hgs.;	ground, 1,600 tons.
Dye-stuffs: logwood	lin., 350 bgs.;	2,290 bgs.; flilpe,
ext., 27 brls.	mustard, 200 hgs.;	1,820 bgs.; palm-
Eucalypt. oil, 50 cs.	sesame, 11,609 bgs.	kernels, 82 tons
Formaldehyde, 76 hrs.	Senega, 9 hrs.	17,745 hgs.
Gelatin, 720l.	Senna, 546 hls.	Oils, essential, 10 cs.
Guaiacol carb., 1 cs.	Shellac, 2,951 cwt.	Oils, fixed: arabis,
Gums: acacia, 2,881	Soda salicyl., 4 kgs.	5,510 cs.; castor,
cwt.; damar, 40	Starches: farina, 200	3 pkgs.; palm, 10
cwt.; kauri, 713	cwt.; maize, 21,750	cks.; sperm, 12 brls.;
cwt.; olihanum, 542	cwt.; maize pearl,	whale, 236 brls.;
cwt.; sandarac, 30	1,017 cwt.	wood, 84 cks.
cwt.; tragacanth,	Sulphur, 200 cwt.	Pimento, 750 hgs.
255 cwt.	Turneric, 267 hls. 135	Potash carb., 5 hrs.
Herbs, dried, 10 bls.	hgs.	Rosin, 1,000 bxs.
Hydrastis, 2 hgs.	Vacuum flasks, 523l.	16,147 brls.
Hydroquinone, 8 kgs.	Vanilla, 5 cs.	Seeds: annatto, 62
11 cs.	Verdigris, 10 cks.	bgs.; cotton, 14,264
Indigo, 24 chts. 100	Wax (mostly bees'), 15	bgs.; dill, 340 bgs.;
pkgs.	cs. 20 hgs. 318 pkgs.	lin., 7,799 bgs.
Insect-powder, 10 cs.	Wax, paraffin, 2,363	Soap, 239l.
10 bls.	cwt.	Soda nitrate, 5,619 bgs.
Iodine, 2 cs.		Soda perborate, 10 cks.
Ipecacuanha, 3 cs.	To Liverpool.	Starches: farina, 1,000
Lead acetate, 7 brls.	Acetic acid, 4 dms.	bgs.
Lithia salicyl., 5 cs.	Alunite, 50 tons	Stearic acid, 18 bgs.
Manna, 3 cs.	Ammonia, 24 cyl.	Sulphur, 1,268 bgs.
Milk-sugar, 50 cs.	Antim. ore, 154 tons	1,217 pkgs.; sul-
Musk, 1,834l.	Argol, 199 hgs.	phur ore, 911 tons;
Nuts and kernels:	Beryllium, 2 cs.	sulphur oil, 30 brls.
cashew, 120 cwt.;	Calabar beans, 5 bgs.	Thorium and cerium
copra, 5,411 cwt.;	Calc. acetate, 7,537	nit., 18 cs.
ground, 6,252 cwt.	bgs.	Wax (bees'), 7 pkgs.
Nux vomica, 1,200 hgs.	Chillies, 130 bgs.	Wax, carnauba, 500
Oils, essential, 611 cs.	Citric acid, 70 kgs.	hgs.
20×½ cs. 40×¼ cs.	Cream of tartar, 10 cks.	Wax, paraffin, 3,323
	Dental goods, 675l.	bgs.



Letters for this section should be written on one side of the paper only. The writer may adopt an assumed name for purposes of publication, but he must in all cases furnish his real name and address to the Editor.

#### A Ministry of Health.

SIR,—Like most of the residents of London, your correspondent "Public Pharmacist" (*C. & D.*, May 19, p. 51) seems to think that because rapid strides have been made with regard to the treatment of the sick poor in the big cities, the same thing has applied in the country. In my previous letter (*C. & D.*, May 12, p. 51) I granted that in the large towns and cities a special institute was provided, but it seems difficult to make a London man understand that though he has got his house in order, there is much to be done in the country generally.

Yours faithfully,  
A. MORTIMER.  
Harrogate.

#### Badges for Qualified Men.

SIR,—Why does not someone bring out a badge stamped "Qualified Chemist" to be worn by registered men during business-hours? It would remedy many a wrong impression: the diploma in most cases is not read or understood by the public as it should be. We are far too modest in putting forward our merits; we are respected by the public far more than we respect ourselves. I have frequently heard—in pointing out that So-and-So was not qualified—the remark, "Well, I am astonished; he must not mix up any medicine for me." We have the remedy for a lot of our genuine grievances in our own hands by that well-worn topic "Unionism." Most companies and unregistered men know the value of qualification better than we do, as any keen observer can see by their tactics.

Yours faithfully,  
NORTHERN. (37/44.)

#### Council Election.

SIR,—Kindly allow me to say that as a qualified pharmacist, whose name should appear upon the register of the Pharmaceutical Society of Great Britain, I must strongly object to the present method adopted by that said Pharmaceutical Society for the election of their Council. Myself, although a qualified pharmacist by examination, I neither had a vote nor a voice in the election of these men, and I am but speaking for the very body thought of many more true, honest, but poor British pharmacists. Why should the name of a pharmacist be removed from the register before he is reported in London as being dead? If votes are to count for anything, the ruling power of the newly elected Council must, in my humble opinion, remain with, and in future be found in, the number of votes "Not returned" rather than with those that were returned. For these voters are rich because they have well looked after our interests, but we are poor because we have heeded their poverty rather than our own interests.

Manchester. JOHN WILLIAMS.

SIR,—I should like to say a few words anent the tone of the President of the Pharmaceutical Society in his address at the annual meeting. His treatment of the Scottish pharmacist in a sort of veiled sarcastic levity is not conducive to the best relations between chemists in Scotland and the Society's officials. We in Scotland increased the membership of the Society by 111 out of a total of 280. Surely we deserve better, or at least more diplomatic, handling than that to which we were subjected. I may put the feeling like this: I showed the speech to a man resident here who was long connected with the drug-trade. He read it, and made the remark, "Your President is not afraid to speak, anyway. Surely he does not know the nature of the Scottish pharmacist." I replied that evidently he did not know either our natures or abilities, and cared less; and as for being afraid to speak, I took it that he didn't know when to hold his tongue. Allow me, as a subscriber, to mention the loss which the readers of the *C. & D.* have sustained through the sudden and untimely death of Mr. MacEwan, the Editor. Many of us looked on him as the final adjudicator in all our worries, either business or personal. May the paper continue to uphold the traditions so well planted and nourished during his period of editorship.

Yours faithfully,  
J. F. (39/74.)

Mr. Frank G. Hines, York, writes: "May I have space briefly but sincerely to thank all those who, by their votes and influence, have placed me on the Council? I appreciate their confidence and hope to justify it. For all the personal good wishes from so many fellow members I am equally grateful."

Messrs. Arthur H. Jenkin and Jas. Kirkpatrick write: "As we find it impossible to give an answer to all the letters we have received in connection with the Pharmaceutical Council election, we should regard it as a favour if you would permit us, through your columns, to thank our many friends for their generous support, and to offer our sincere apologies for our inability to reply in each and every case."

#### Irish Assistants' War Bonus.

SIR,—With reference to the paragraph in last week's issue (*C. & D.*, May 19, p. 36), the Chemists' Assistants' Association at Limerick may not be aware that every assistant considered worthy of an increase has got it—even those with less than twelve months' service. In most cases these assistants do not find it necessary to join an Association to prove their worth; they have already done so behind their employer's counter. Since the beginning of the present year practically all the assistants have had their salaries increased—not in the form of a war-bonus, but as a permanent advance. It is believed by the Limerick chemists that their assistants are paid a higher wage than in any other town in Ireland, and the number treated as mentioned by Mr. Byrne in the House of Commons is very limited and perhaps justifiable. If the grumbling assistants became a bit more energetic and took a greater interest in their employers' affairs they could then compel their masters to reconsider their position; but until then their only hope is to continue grumbling.

Yours truly,  
LIMERICK. (22/5.)

#### Legal Queries.

Most difficulties in trade law are explained in the legal section of "The Chemist and Druggist Diary," 1917, beginning on page 353.

Z. (32/22).—It would require the consent of the Insurance Committee before you can terminate your contract with them before the time specified therein. If the circumstances are explained and they are reasonable the Committee may release you from your engagement.

Nemo (32/23) received a quotation from a traveller in February last for Epsom salts at 19s. per cwt. He placed an order at that figure, which was, on the following day, confirmed by the traveller's firm. The goods have just been delivered, followed by an invoice charging 27s. 6d. per cwt. Is "Nemo" bound to return the goods or pay the higher price for them? [Unless the firm accepted the order subject to a condition entitling them to make the increased charge for the goods. "Nemo" is not liable to pay more than 19s. per cwt. for the salts.]

## Retrospect of Fifty Years Ago.

Reprinted from "The Chemist and Druggist," May 15, 1867.

#### Paris Exhibition.

Our Special Correspondent wrote in Paris on May 11, 1867, upon chemical and pharmaceutical products of Class XLIV, which were exhibited. He dealt enthusiastically with the work done by Mr. S. L. Howard, of Stratford, Chairman of the Trade Committee of the class, along with Mr. Herbert McLeod and Mr. D. Howard, who assisted him. The report criticised the dustiness of the department, one result being that May & Baker's camolom was turned into a buff powder and Mr. Young's snowy paraffin into dirty alabaster. The exhibits described included "Howard & Son's fine collection of Chinchona barks and salts," and alkali products by Chance & Sons, Allhusen & Co., Muspratt & Co., the Jarrow Co., and Gaskell, Deacon & Co., the last-named exhibiting ultramarine of their own make, while the Walker Alkali Co. exhibited hyposulphites of soda and ammonia, and the Jarrow Co. hyposulphite of lime (Jullion's patent antichlor). Mr. Gossage's process for converting sodium chloride into hydrate and carbonate was also referred to, the apparatus being described, and reference was made to the exhibits by May & Baker, T. & H. Smith, Burbidge, Burgoyne & Squire, Mr. Condy, and Hopkin & Williams, whose exhibit contained a fine ingot of thallium by Mr. Crookes, F.R.S.

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Pyramidon.CRYOGENINE HAS A HIGH REPUTATION AS A  
GENERAL ANTIPYRETIC AND  
POWERFUL ANALGESIC.LANCET, ii., 1909, p. 1812: "... The above case is  
one out of a number of successful results obtained from the  
use of this remedy (Cryogenine) contrasted with Pyramidon,  
which certain writers regard as the best drug for phthical  
temperature. I think there can be little doubt 'Cryogenine'  
is the safer and more efficacious antipyretic. ...."

J. E. G——, M.D.

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Soda Ash (light and dense), Caustic Soda (solid and ground), Blue Vitriol (large crystals), Chloride of Lime (35 to 37 per cent.), Chlorate of Potash (powdered and crystals), Caustic Potash (88 to 92 per cent.), &c.

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Petrolatum, Red Oil, White Oils, Lubricating Oils, Beeswax, Carnauba Wax, Japan Wax, Candelilla Wax, Paraffin Wax, all melting-points.

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All Direct, Acid and Basic Aniline Colours for Textile, Paper and Leather Industries. All Food and Certified and Soap Colours. Natural Dyestuffs and Extracts, and all Chemicals for Tanners, such as Leather Black Liquid, Concentrated, Chrome Black XXX (Striker), Oil Black Liquid, Isinglass (Brazilian and Russian), French Archil Extract (Concentrated), Tanners' Egg Yolk, Hematine Crystals, Logwood Extract, Fustic Extract.

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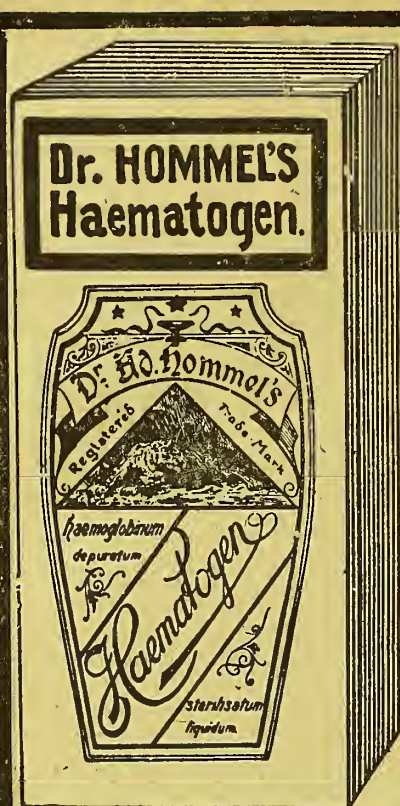
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Gum Galbanum  
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1s. 3d. size	...	...	...	...	...	10s. 6d. per doz. net.
3s. 0d. "	...	...	...	...	...	26s. 6d. " "
5s. 0d. }	new size	...	...	...	...	50s. 0d. " "
contains double the quantity of 3/- box.						

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Cheques to be made payable to THOMAS BEECHAM, and crossed "Parr's Bank, Ltd., St. Helens."

N.B.—Prices quoted herewith are for preparations according to the New Pharmacopoeia, 1914.

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N.B.—We would draw attention to the fact that all prices quoted herein are subject to alteration without notice, and that where stocks are limited preference is always given to our regular customers.

**A** cetanilide, B.P., 1 lb. @ 4/1 lb.; 7 lbs. @ 3/10 lb.; powder, 1d. lb. extra.  
 \*Acet. Ipecac., B.P., 6 lbs. @ 1/11 lb.  
 " Scilla, P.B., 6 lbs. @ 6d. lb.  
 \*Add. Acet. Glacial, 99%, 6 lbs. @ 3/4 lb.  
 " Acetylo-Salicyl, 1 lb. @ 19/- lb.  
 " Benz, B.P., 1 lb. @ 31/- lb.  
 " Boric Pulv., 3 cwt. @ 71/- cwt.; 1 cwt. @ 73/6 cwt.; 10 lbs. @ 71/- lb. extra.  
 " Carb. Xts., 39/40; 56 lb. drums @ 1/11 lb.; 121-lb. Bots. @ 2/3 lb.; Single Bots. @ 2/6 lb.; Detached Cryst. 1 lb. @ 2/8 lb.; Crude Black, 45 gall. casks @ 1/1 gal.; 5 gall. drums @ 1/8 gall.; 1 gall. Hns @ 2/6 each.  
 " Citric, cryst., B.P., '85, 7 lbs. in bags @ 3/8 lb.; powder, 1d. lb. extra.  
 " Diethylsulphuric, 1 oz. @ 6/6 oz.  
 " Gallic, pur., P.B., 7 lbs. @ 6/9 lb.; 1 lb. @ 7/- lb.  
 " Hydrobrom., 6 lbs. @ 1/8 lb.  
 " Hydrochlor. Coml., cases of 4 2-gal. jars, 40/- each; 20 case lots @ 39/- each.  
 " Hydrocyan. P.B., 6 lbs. @ 1/7 lb.; 1 lb. @ 2/- lb.; 36 1-oz. Vials @ 7/6 dos.  
 " Oxalic Cryst., 1 cwt. @ 1/10 lb.; 14 lbs. @ 2/- lb.  
 " Phosph. Dii. B.P., 6 lbs. @ 6d. lb.  
 " Salicyl. pulv., 1 lb. @ 6/- lb.  
 " Sulphur, Coml., cases, 4 2-gal. jars @ 45/- each; 20 cases @ 44/- each.  
 " Sulph. Aromat. B.P., 5 lbs. @ 4/8 lb.  
 " Tannic, B.P., 1 lb. @ 7/6 lb.  
 " Tart., cryst. or pulv. B.P., 1885, 7 lbs. @ 3/4 lb.; parv. 1d. lb. extra.  
 Adeps Benz., B.P., 28 lbs. @ 1/7 lb.; 7 lbs. @ 1/8 lb.  
 "Argo Atris Pulv., 14 lbs. @ 2/4 lb.  
 Aloe Barb., English-ground, 28 lbs. @ 120/- cwt.; 7 lbs. @ 1/3 lb.  
 Aloe, Socot. 7 lbs. @ 1/5 lb.; powder, 7 lbs. @ 1/7 lb.  
 Aloin, B.P., 1 lb. @ 5/6 lb.  
 Ammon. Bens., 1 lb. @ 30/- lb.  
 Ammon. Brom. P.B., 7 lbs. @ 6/- lb.  
 Ammon. Carb. lump, 3 cwt. @ 7d. lb.; 28 lbs. @ 8d. lb.; 7 lbs. @ 9d. lb.; powder, 1d. lb. extra.  
 Ammon. Chlor., 99% pulv., 1 cwt. @ 64/- cwt.; 7 lbs. @ 8d. lb.; Batteries, 6/- cwt. extra.  
 Amyl Pulv., 10 cwt. @ cwt.; 2 1/2 cwt. @ cwt.; 1 cwt. @ cwt.  
 Aniseed, English ground, 1 cwt. @ 120/- cwt.; 7 lbs. @ 1/2 lb.  
 Antim. Nig. Pulv., 7 lbs. @ 11d. lb.  
 Antim. Tart. Pulv., 7 lbs. @ 4/- lb.  
 Apol., 1 lb. @ 27/6 lb.  
 \*Aqua Anethi Conc. 1-40, 1 lb. @ 3/8 lb.  
 " Anis Conc. 1-40, 1 lb. @ 3/8 lb.  
 " Aurant. Conc. 1-40, 1 lb. @ 6/11 lb.  
 " Aurant. Trip., 6 lbs. @ 8d. lb.; 53 lbs. @ 23/-  
 " Cinnam. Conc. 1-40, 1 lb. @ 4/1 lb.  
 " Lauroceras., 6 lbs. @ 8d. lb.  
 " Mentb. Pip. Conc., 1-40, 1 lb. @ 3/9 lb.  
 " Rosae Conc. 1-40, 1 lb. @ 7/9 lb.  
 " Rosae Trip., 53 lbs. @ 25/-; 6 lbs. @ 8d. lb.  
 " Samb. Conc., 1-40, 1 lb. @ 6/11 lb.  
 " Samb. Trip., 6 lbs. @ 8d. lb.  
 Asaroba, fine powder, 7 lbs. @ 9/- lb.; 1 lb. @ 9/6 lb.

Argent. Nit., 6's to oz., 25 oz. @ 2/6 oz.; 1 oz. @ 2/7 1/2 oz.  
 Argent. Nit., Cryst., 25 oz. @ 2/5 oz.; 8 oz. @ 2/6 oz.  
 Arsenic, Alb. Pulv., 2 cwt. @ 80/- cwt.; 7 lbs. @ 10d. lb.  
 Atropinæ Sulph., P.B., 1 oz. @ 125/- oz.  
 Aurl Chlor., 6 doz. 15 gr. tubes @ 27/3 doz.; 1 doz. 15 gr. tubes @ 27/6 doz.  
 \*Bals. Copalba, pure, 44 lbs. @ 5/- lb.; 9 lbs. @ 5/3 lb.; 1 lb. @ 5/6.  
 " Peruv., P.B., 1 lb. @ 18/- lb.  
 " Sulphur, 7 lbs. @ 1/3 lb.  
 " Tolut. B.P., 50 lbs. @ 2/3 lb.; 1 lb @ 2/8 lb.  
 Bismuth, P.B., Carb., 3 lbs. @ 13/6 lb.; 1 lb. @ 14/- lb.; subnit., 3 lbs. @ 12/6 lb.; 1 lb. @ 13/- lb.  
 " Salicyl., 1 lb. @ 20/- lb.  
 Boracic Mixture, 1 cwt. @ 95/- cwt.  
 Borax, 1 cwt. @ 44/6; powder 1/- extra.  
 Butyl-Chloral Hydras., P.B., 1 lb. @ 1/- lb.  
 Caffeine, P.B., 1 lb. @ 48/- lb.  
 Caffeina Cit., B.P., 1 lb. @ 32/- lb.  
 Calamina, powder, fine pink, 5 cwt. @ 25/- cwt.; 1 cwt. @ 28/- cwt.; 7 lbs. @ 4d. lb.  
 Calamine, B.P., 1885, 7 lbs. @ 1/3 lb.  
 Calcii Carb. Precip., 5 cwt. @ 21/6 cwt.; 1 cwt. @ 26/- cwt.; 28 lbs. @ 30/- cwt.  
 " Hydras., P.B., 1 cwt. @ 25/- cwt.; 7 lbs. @ 5d. lb.  
 " Hypophosph. Pur., P.B., 1 lb. @ 4/- lb.  
 " Iodid., 1 lb. @ 21/6 lb.  
 Camphor, English Flowers, "not artificial," 5 lbs. @ 3/8 lb.; 1/2 oz. or 1/4 oz. 7 lbs. @ 4/3 lb.; good white, about 95% as imported, 140 lbs. @ 2/4 lb.; 28 lbs. @ 2/6 lb.  
 Capsicine, volatile, 1 lb. @ 9/6 lb.  
 Carbo Animalis or Ligni, powder or lump, 1 cwt. @ 25/- cwt.; 28 lbs. @ 3d. lb.  
 Cardamoms, 28 lbs. @ 2/6 lb.; 7 lbs. @ 3/- lb.  
 Carimine, Finest, 1 lb. @ 35/- lb.; No. 2, 1 lb. @ 1/- lb.  
 Cesa Alba, B.P., White Moons, 28 lbs. @ 2/8 lb.; 4 lbs. @ 2/9 lb.; Flav. 1 lb. Blocks, 28 lbs. @ 2/1 lb.; 4 lbs. @ 2/2 lb.; 1 oz., 1/2 oz. tabs., 7 lbs. @ 2 1/2 lb.  
 Ceril Oxalas, 1 lb. @ 6/6 lb.  
 Ceratium, No. 1, fine white, 64 lbs. @ 11d. lb.; 7 lbs. @ 1/2 lb.; powder, 7 lbs. @ 1/6 lb.  
 Chloral Hydras Cryst., B.P., 7 lbs. @ 10/9 lb.; 1 lb. @ 11/3 lb.  
 Chlorodyne, 5 lbs. @ 3/- lb.  
 \*Chloroform, pure, B.P., 12 8-lbs. @ 3/9 lb.; 8 lbs. @ 3/11 lb.; 6 1-lb. bots. @ 4/3 lb.  
 Cocaine Hydrochlor., 1 oz. @ 30/-  
 Codeina, 1 oz. @ 24/6 oz.; Phosph., 1 oz. @ 21/- oz.; Hydrochlor. or Sulph., 1 oz. @ 22/- oz.  
 Colocynth, Apple, English ground, 1 cwt. @ 1/4 lb.; 28 lbs. @ 1/5 lb.; 7 lbs. @ 1/7 lb.  
 Composition Powder (Coffin's), 1 cwt. @ 70/- cwt.; 7 lbs. @ 9d. lb.  
 Conf. Senae, P.B., 14 lbs. @ 1/4 lb.; 7 lbs. @ 1/5 lb.  
 Cort. Aurant. Exot. Shreds, 7 lbs. @ 2/4 lb.  
 " Cinchon. Rub. (Quill), 7 lbs. @ 1/7 lb.  
 " Ulmi Pulv., 1 cwt. @ 11d. lb.; 7 lbs. @ 1/1 lb.  
 Cream of Tartar, 98% powder, 1 cwt. @ 240/- cwt.; 7 lbs. @ 2/4 lb.

Creasote, Beechwood, P.B., 7 lbs. @ 15/- lb.  
 Creta c. Campb., 7 lbs. @ 11d. lb.  
 " Gall. Pulv., in sacks, 10 cwt. @ 12/- cwt.; 1 cwt. @ 13/- cwt.; 14 lbs. @ 1d. lb.  
 " Preparata, 7 lbs. in box @ 1/3 each.  
 Cubeba, English Ground, 28 lbs. @ 3/3 lb.; 7 lbs. @ 3/6 lb.  
 \*Dec. Aloes Co. Conc. 1-2, 6 lbs. @ 2/1 lb.; Sincero, 6 lbs. @ 1/4 lb.  
 " Cinchona (Rubra) Conc., 1-7, 6 lbs. @ 2/3 lb.  
 " Senega Conc., 6 lbs. @ 2/11 lb.  
 Emp. Spread, 12 yards x 16 in. adhesive, 6/-; Bellad. B.P.C., Green @ 28/6; Cesat. Saponis @ 12/4; Pils Co. @ 12/4; Plumbi @ 10/-; Resina @ 7/6; Roborans @ 11/6; Saponis, B.P., 10/-  
 Emp. Pils, P.B., 7 lbs. @ 1/2 lb.  
 " Plumbi, P.B., 7 lbs. @ 1/2 lb.  
 " Resina, P.B., 7 lbs. @ 1/2 lb.  
 " Roborans, 7 lbs. @ 1/2 lb.  
 Emulso Ol. Morrhuae, 5 lbs. @ 1/6 lb.  
 Eserine Sulph., in 15-grain tubes, 8/6 each.  
 Ess. Bergam. (Oil), 12 lbs. @ 21/- lb.; 1 lb. @ 22/- lb.; not guaranteed absolutely pure.  
 Ess. Limons (oil) original coppers, 12 lbs. @ 4/3 lb.; 6 1-lb. bots. @ 4/9 lb.; not guaranteed absolutely pure.  
 \*Ess. Moschl (not artificial), 5 lbs. @ 14/6 lb.; 1 lb. @ 15/- lb.  
 \*Ess. Pear (artificial), Jargonelle, 5 lbs. @ 3/9 lb.; Bergamot, 4/3 lb.  
 \*Ess. Pineapple, 5 lbs. @ 4/- lb.  
 " Raspberry, 5 lbs. @ 2/8 lb.; 1 lb. @ 8/- lb.  
 " Vanilla Beans, 5 lbs. @ 5/- lb.; 1 lb. @ 5/3 lb.  
 \*Ext. Belladonna Liq., B.P., 5 lbs. @ 19/- lb.; 1 lb. @ 19/6 lb.; solid, 7 lbs. @ 11/- lb.  
 Ext. Cannab. Ind., Alc., B.P., 1 lb. @ 66/- lb.  
 Ext. Cascara Sag. Liq., B.P., 1 cwt. @ 2 1/3 lb.; 10 lbs. @ 2/5 lb.  
 \*Ext. Ergot. Liq., P.B., 5 lbs. @ 4/8 lb.; 1 lb. @ 5/1 lb.; Solid, P.B., 4 lbs. @ 20/- lb.; 1 lb. @ 21/- lb.  
 Ext. Gent., P.B., solid, 1 cwt. @ 2/5 lb.; 7 lbs. @ 2/8 lb.  
 \*Ext. Glycyrrh. Liq., B.P., 6 lbs. @ 3/1 lb.  
 \*Ext. Hamamelis Liq., P.B., 5 lbs. @ 4/1 lb.  
 Ext. Hyoscyam., Solid, B.P., 3 lbs. @ 12/6 lb.; 1 lb. @ 13/- lb.  
 \*Ext. Ipecac. Liq., P.B., 5 lbs. @ 18/6 lb.; 1 lb. @ 19/- lb.  
 Ext. Malti c. Ol. Jecoris, 10 lbs. @ 1/- lb.  
 \*Ext. Nucia Vom. Liq., P.B., 5 lbs. @ 4/8 lb.; 1 lb. @ 4/10 lb.; solid, 5 lbs. @ 4/6 lb.; 1 lb. @ 5/- lb.  
 Ext. Opil Solid, P.B., 1 lb. @ 85/- lb.  
 \*Ext. Opil Liq., B.P., 5 lbs. @ 6/6 lb.; 1 lb. @ 7/- lb.  
 Ext. Quassia, Solid, 7 lbs. @ 8/- lb.; 1 lb. @ 8/6 lb.  
 Ext. Sarsa Co. Solid, 7 lbs. @ 6/- lb.; 1 lb. @ 6/6 lb.  
 Ferri Ammon. Cit., P.B., 28 lbs. @ 3/2 lb.; 7 lbs. @ 3/4 lb.  
 Ferri Carb., 14 lbs. @ 6d. lb.  
 Ferri et Quinina Cit., P.B., 100 oss. @ 11d. oz.; 25 oss. @ 1/- oz.  
 Ferri Sulph., pure cryst., 1 cwt. @ 3d. lb.; 7 lbs. @ 3d. lb.  
 Ferrum Redact., 80%, 1 lb. @ 7/10.  
 Flor. Anth. Exot., 7 lbs. @ 3/9 lb.  
 Fol. Buchu, oval, 7 lbs. @ 4/- lb.  
 Fol. Sennae Alex. parv., 28 lbs. @ 1/1 lb.

\*Minimum quantity at these prices; Home Trade, 3 Winchester Quarts assorted; Export, 12 Winchester Quarts assorted  
 NOTE.—Only terms Net Cash with Order without discount, or orders accepted through London Merchants or Bankers. Goods carriage forward; all packages free; Export cases extra.

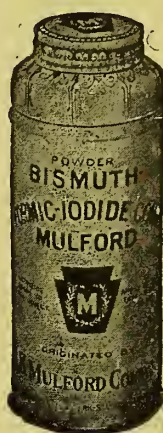
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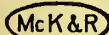
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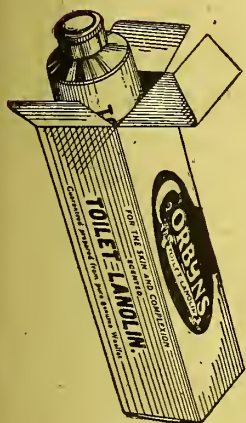
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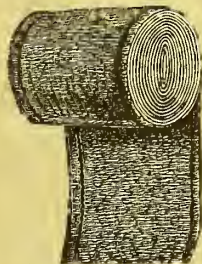
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[See p. 429 "C. &amp; D." Diary 1917]

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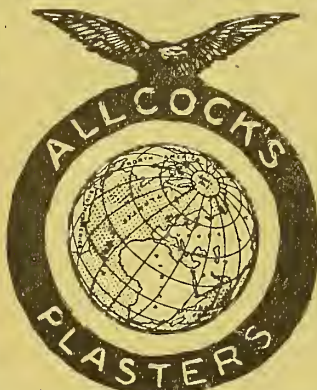
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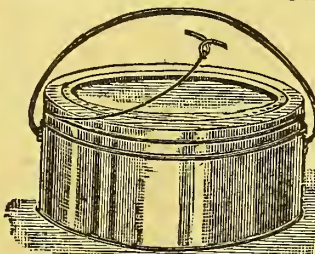
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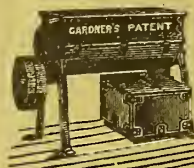
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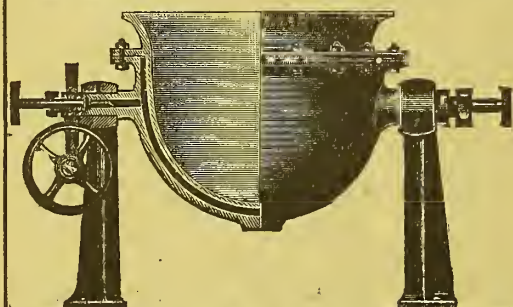
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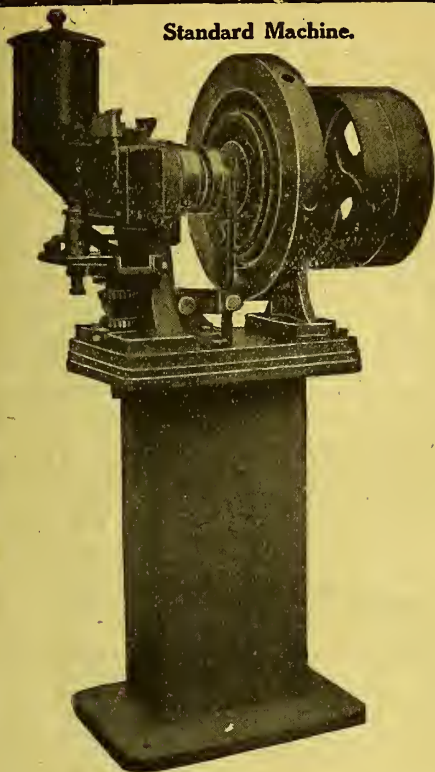
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